



## FIRE PROTECTION SOLUTIONS



Technogips Pro is an established manufacturer of plasterboard and dry gypsum mixtures for drywall construction. Thanks to the modern, high-tech, environmental friendly equipment and the qualified team of professionals, we have been able to gain customer trust in more than 20 countries for 10 years.

We, the Technogips Pro team, have continued our progress by developing and certifying Technogips Pro Fire rated systems based on the drywall methods which ensure security and resistance in case of a fire.

All elements of Technogips Pro Fire rated systems are specially selected and gathered to meet the strict harmonized standards for each product. Proof of the guaranteed quality of the Technogips Pro Fire rated systems are the successfully passed tests in laboratories notified by the European Commission.

## QUALITY GUARANTEE



Quality management, according to ISO 9001: 2015



Environmental management, according to ISO 14001: 2015



Occupational Health and Safety Management, according to BS OHSAS 18001



The mark of responsible forestry

Management and monitoring of the raw paper origin of inputs in the production Certified according to the Forest Stewardship Council® standards, our license code is FSC-C138031. Look for the FSC® label on our products.



Management of the company's social commitment



All Technogips Pro products meet the safety and compliance requirements of the Regulation (EU) N° 305/2011

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<b>C2-3, Fire Ceiling 60.2</b>	<b>EI 60</b>	100 ÷ 1150 mm	3x Type DF 12.5 mm	optional	<b>50 - 51</b>
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# Partition Walls



## Technogips Pro W1-1, Fire Wall 30.1

Technogips Pro W1-1, Fire Wall 30.1 is constructed with Premium Profiles Technogips Pro CW/UW, 0.6 mm metal thickness, and one layer, on both sides, of Technogips Pro Gypsum Plasterboard Technogips Pro Type A 12.5 mm. Meets the fire resistance requirements for **30 minutes**.



**Airborne Sound Insulation**  
**Rw = 37 ÷ 52 dB**

**Wall Self-Weight**  
**~20 kg/m²**

**Wall Thickness**  
**75 | 100 | 125 | 150 | 175 mm**

**Wall Heights**  
**up to 4.00 m**



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
W1-1 Fire Wall 30.1		EI 30	2x1 type A 12.5 mm*	optional

\*Class of fire resistance EI 30 is valid when using gypsum plasterboards Type A, H2, DF or DFH2 with a minimum thickness of 12.5 mm.

## SPECIFICATION

Material consumption per 1 m²			Stud spacing [mm]		
			600	400	300
1.	Gypsum Plasterboard Type A 12.5 mm *	m²	2.0	2.0	2.0
2.	Premium Profile CW 50, 75, 100, 125, 150 / 0.6 mm	m'	2.0	3.0	4.0
3.	Premium Profile UW 50, 75, 100, 125, 150 / 0.6 mm	m'	0.7	0.7	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	1.2	1.2	1.2
5.	Joint tape @ all last layers joints + peripheral ones	m'	3.0	3.0	3.0
6.	Gypsum Joint Filler FUGA @ all layers	kg	0.6	0.6	0.6
7.	Drywall screw 3.5 x 25 mm @ 250 mm	pcs	30.0	45.0	60.0
8.	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	1.6	1.6	1.6
	Optional - Stone wool, thickness > 50 mm, density > 40 kg/m³	m²	1.0	1.0	1.0
	Optional - Gypsum Skim Coat Technogips Pro SATEN	kg	1.7	1.7	1.7
	Optional - Drywall Screw TEX Technogips Pro 4.2 x 13 mm	pcs	2.0	2.0	2.0

- Peripheral profiles are mounted with Ceiling anchors with stud spacing at 400 mm.
- All vertical CW profiles are free-standing with stud spacing of 600, 400 or 300 mm, with no mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 250 mm.
- For walls longer more than 12 m, vertical expansion joints need to be planned along the length.
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m², without losses and wastes.

## ACOUSTICS

Gypsum Plasterboard Type A 12.5 mm	Airborne Sound Insulation, dB			
	Profile	Wall Thickness	Without Wool	With Wool
	CW 50	75 mm	37 dB	up to 44 dB
	CW 75	100 mm	38 dB	up to 47 dB
	CW 100	125 mm	39 dB	up to 50 dB
	CW 125	150 mm	41 dB	up to 51 dB
	CW 150	175 mm	42 dB	up to 52 dB

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 30 minutes.

To ensure **quality, security** and **safety** essential is:

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

# Partition Walls



## Technogips Pro W1-1, Fire Wall 45.1

Technogips Pro W1-1, Fire Wall 45.1 is constructed with Premium Profiles Technogips Pro CW/UW, 0.6 mm metal thickness, and one layer, on both sides, of Technogips Pro Gypsum Plasterboard Technogips Pro Type DF 12.5 mm. Meets the fire resistance requirements for **45 minutes**.



**Airborne Sound Insulation**  
**R<sub>w</sub> = 38 ÷ 56 dB**

**Wall Self-Weight**  
**~23 kg/m<sup>2</sup>**

**Wall Thickness**  
**75 | 100 | 125 | 150 | 175 mm**

**Wall Heights**  
**up to 4.00 m**



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
W1-1 Fire Wall 45.1		EI 45	2x1 Type DF 12.5 mm*	Optional

\*Class of fire resistance EI 45 is valid when using gypsum plasterboards Type DF or DFH2 with a minimum thickness of 12.5 mm..

## SPECIFICATION

Material consumption per 1 m <sup>2</sup>			Stud spacing [mm]		
			600	400	300
1.	Gypsum Plasterboard Type DF 12.5 mm *	m <sup>2</sup>	2.0	2.0	2.0
2.	Premium Profile CW 50, 75, 100, 125, 150 / 0.6 mm	m'	2.0	3.0	4.0
3.	Premium Profile UW 50, 75, 100, 125, 150 / 0.6 mm	m'	0.7	0.7	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	1.2	1.2	1.2
5.	Joint tape @ all last layers joints + peripheral ones	m'	3.0	3.0	3.0
6.	Gypsum Joint Filler FUGA @ all layers	kg	0.6	0.6	0.6
7.	Drywall screw 3.5 x 25 mm @ 250 mm	pcs	30.0	45.0	60.0
8.	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	1.6	1.6	1.6
	Optional - Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>	m <sup>2</sup>	1.0	1.0	1.0
	Optional - Gypsum Skim Coat Technogips Pro SATEN	kg	1.7	1.7	1.7
	Optional - Drywall Screw TEX Technogips Pro 4.2 x 13 mm	pcs	2.0	2.0	2.0

- Peripheral profiles are mounted with Ceiling anchors with stud spacing at 400 mm.
- All vertical CW profiles are free-standing with stud spacing of 600, 400 or 300 mm, with no mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 250 mm
- For walls longer more than 12 m, vertical expansion joints need to be planned along the length.
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m<sup>2</sup>, without losses and wastes.

## ACOUSTICS

Gypsum Plasterboard Type DF 12.5 mm	Airborne Sound Insulation dB			
	Profile	Wall Thickness	Without Wool	With Wool
	CW 50	75 mm	38 dB	up to 45 dB
	CW 75	100 mm	40 dB	up to 48 dB
	CW 100	125 mm	41 dB	up to 51 dB
	CW 125	150 mm	43 dB	up to 53 dB
	CW 150	175 mm	43 dB	up to 54 dB

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 45 minutes.

To ensure **quality, security** and **safety** essential is:

- ✓ Using the full set of Technogips Pro system components.
- ✓ Following the technical requirements for proper installation.

# Partition Walls



## Technogips Pro W1-1, Fire Wall 60.1

Technogips Pro W1-1, Fire Wall 60.1 is constructed with Premium Profiles Technogips Pro CW/UW, 0.6 mm metal thickness, and one layer, on both sides, of Technogips Pro Gypsum Plasterboard Type DF 12.5 mm. The inside of the wall is filled with stone wool. Meets the fire resistance requirements for **60 minutes**.

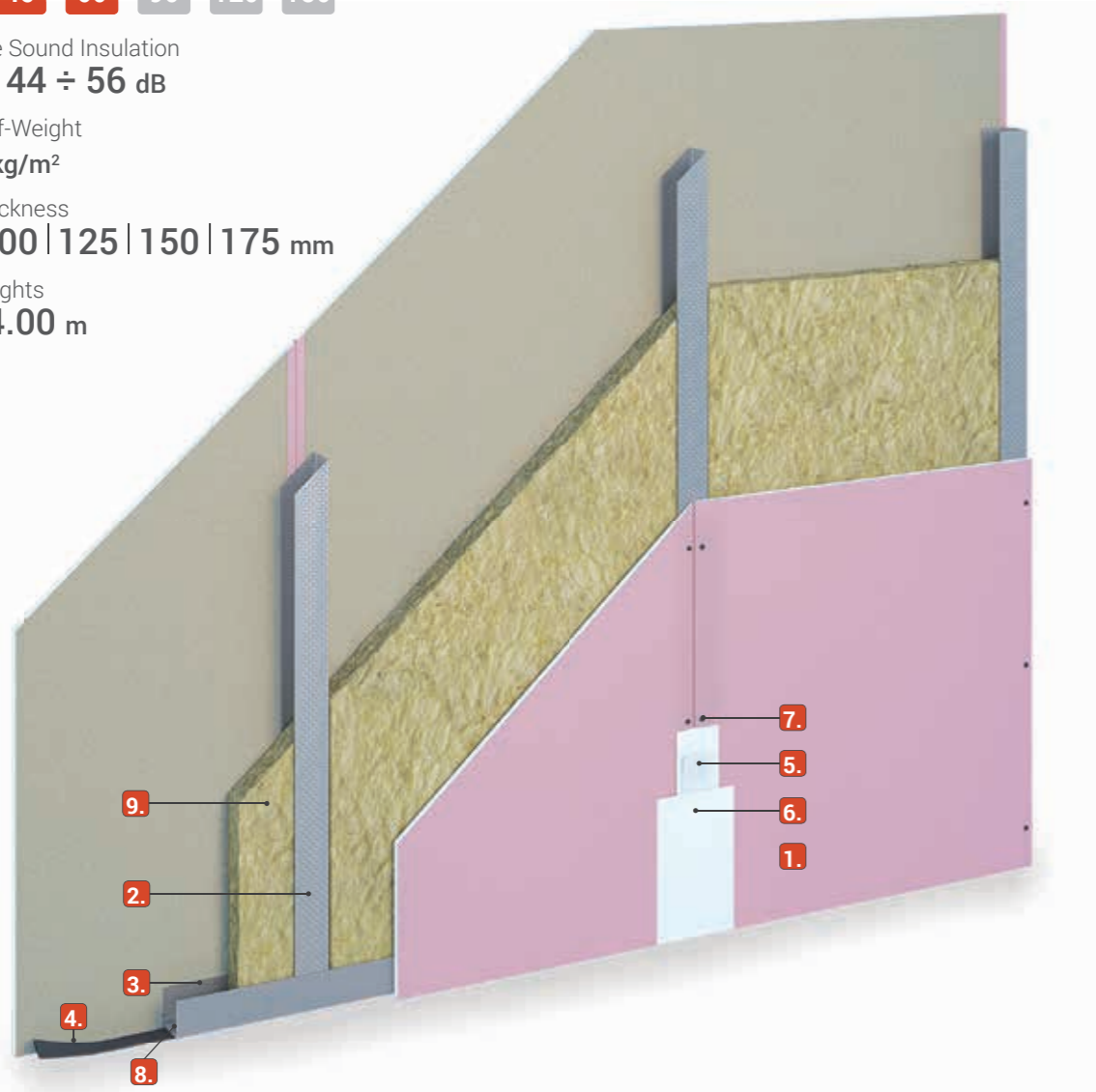
30 45 60 90 120 180

Airborne Sound Insulation  
**Rw = 44 ÷ 56 dB**

Wall Self-Weight  
**~25 kg/m<sup>2</sup>**

Wall Thickness  
**75 | 100 | 125 | 150 | 175 mm**

Wall Heights  
**up to 4.00 m**



System	Scheme	Class of Fire Resistance	Class of Fire Resistance	Insulation
<b>W1-1 Fire Wall 60.1</b>		<b>EI 60</b>	2x1 Type DF 12.5 mm*	Stone wool

\*Class of fire resistance EI 60 is valid when using gypsum plasterboards Type DF or DFH2 with a minimum thickness of 12.5 mm.

## SPECIFICATION

Material consumption per 1 m <sup>2</sup>		Stud spacing [mm]			
		600	400	300	
<b>1.</b>	Gypsum Plasterboard Type DF 12.5 mm *	m <sup>2</sup>	2.0	2.0	2.0
<b>2.</b>	Premium Profile CW 50, 75, 100, 125, 150 / 0.6 mm	m'	2.0	3.0	4.0
<b>3.</b>	Premium Profile UW 50, 75, 100, 125, 150 / 0.6 mm	m'	0.7	0.7	0.7
<b>4.</b>	Acoustic Foam Tape @ the peripheral profiles	m'	1.2	1.2	1.2
<b>5.</b>	Joint tape @ all last layers joints + peripheral ones	m'	3.0	3.0	3.0
<b>6.</b>	Gypsum Joint Filler FUGA @ all layers	kg	0.6	0.6	0.6
<b>7.</b>	Drywall screw 3.5 x 25 mm @ 250 mm	pcs	30.0	45.0	60.0
<b>8.</b>	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	1.6	1.6	1.6
<b>9.</b>	Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>	m <sup>2</sup>	1.0	1.0	1.0
Optional - Gypsum Skim Coat Technogips Pro SATEN		kg	1.7	1.7	1.7
Optional - Drywall Screw TEX Technogips Pro 4.2 x 13 mm		pcs	2.0	2.0	2.0

- Peripheral profiles are mounted with Ceiling anchors with stud spacing at 400 mm.
- All vertical CW profiles are free-standing with stud spacing at 600, 400 or 300 mm, without mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 250 mm.
- For walls longer more than 12 m, vertical expansion joints need to be planned along the length.
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m<sup>2</sup>, without losses and wastes.

## ACOUSTICS

	Airborne Sound Insulation dB			
	Profile	Wall Thickness	Without Wool	With Wool
Gypsum Plasterboard Type DF 12.5 mm	<b>CW 50</b>	<b>75 mm</b>	<b>44 dB</b>	up to <b>45 dB</b>
	<b>CW 75</b>	<b>100 mm</b>	<b>47 dB</b>	up to <b>48 dB</b>
	<b>CW 100</b>	<b>125 mm</b>	<b>50 dB</b>	up to <b>51 dB</b>
	<b>CW 125</b>	<b>150 mm</b>	<b>51 dB</b>	up to <b>53 dB</b>
	<b>CW 150</b>	<b>175 mm</b>	<b>52 dB</b>	up to <b>54 dB</b>

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 60 minutes.

To ensure **quality, security and safety** essential is:

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

# Partition Walls



## Technogips Pro W1-1, Fire Wall 60.2

Technogips Pro W1-1, Fire Wall 60.2 is constructed with Premium Profiles Technogips Pro CW/UW, 0.6 mm metal thickness, and one layer, on both sides, of Technogips Pro Gypsum Plasterboard Type DF 15 mm.  
Meets the fire resistance requirements for **60 minutes**.



**Airborne Sound Insulation**  
**R<sub>w</sub> = 40 ÷ 55 dB**

**Wall Self-Weight**  
**~30 kg/m<sup>2</sup>**

**Wall Thickness**  
**80 | 105 | 130 | 155 | 180 mm**

**Wall Heights**  
**up to 4.00 m**



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
<b>W1-1 Fire Wall 60.2</b>		<b>EI 60</b>	2x1 type DF 15 mm*	optional

\*Class of fire resistance EI 60 is valid when using gypsum plasterboards Type DF or DFH2 with a minimum thickness of 15 mm..

## SPECIFICATION

Material consumption per 1 m <sup>2</sup>			Stud spacing [mm]		
			600	400	300
<b>1.</b>	Gypsum Plasterboard Type DF 15 mm *	m <sup>2</sup>	2.0	2.0	2.0
<b>2.</b>	Premium Profile CW 50, 75, 100, 125, 150 / 0.6 mm	m'	2.0	3.0	4.0
<b>3.</b>	Premium Profile UW 50, 75, 100, 125, 150 / 0.6 mm	m'	0.7	0.7	0.7
<b>4.</b>	Acoustic Foam Tape @ the peripheral profiles	m'	1.2	1.2	1.2
<b>5.</b>	Joint tape @ all last layers joints + peripheral ones	m'	3.0	3.0	3.0
<b>6.</b>	Gypsum Joint Filler FUGA @ all layers	kg	0.6	0.6	0.6
<b>7.</b>	Drywall screw 3.5 x 25 mm @ 250 mm	pcs	30.0	45.0	60.0
<b>8.</b>	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	1.6	1.6	1.6
	Optional - Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>	m <sup>2</sup>	1.0	1.0	1.0
	Optional - Gypsum Skim Coat Technogips Pro SATEN	kg	1.7	1.7	1.7
	Optional - Drywall Screw TEX Technogips Pro 4.2 x 13 mm	pcs	2.0	2.0	2.0

- Peripheral profiles are mounted with Ceiling anchors with stud spacing at 400 mm.
- All vertical CW profiles are free-standing with stud spacing of 600, 400 or 300 mm, with no mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 250 mm.
- For walls longer more than 12 m, vertical expansion joints need to be planned along the length.
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m<sup>2</sup>, without losses and wastes.

## ACOUSTICS

Gypsum Plasterboard Type DF 15 mm	Airborne Sound Insulation dB			
	Profile	Wall Thickness	Without Wool	With Wool
	<b>CW 50</b>	<b>80 mm</b>	<b>40 dB</b>	up to <b>47 dB</b>
	<b>CW 75</b>	<b>105 mm</b>	<b>42 dB</b>	up to <b>50 dB</b>
	<b>CW 100</b>	<b>130 mm</b>	<b>44 dB</b>	up to <b>53 dB</b>
	<b>CW 125</b>	<b>155 mm</b>	<b>45 dB</b>	up to <b>54 dB</b>
	<b>CW 150</b>	<b>180 mm</b>	<b>46 dB</b>	up to <b>55 dB</b>

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis.  
The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 60 minutes.

To ensure **quality, security and safety** essential is:

- ✓ Using the full set of Technogips Pro system components.
- ✓ Following the technical requirements for proper installation.

## Technogips Pro W1-2, Fire Wall 90.2

Technogips Pro W1-2, Fire Wall 90.2 is constructed with Premium Profiles Technogips Pro CW/UW, 0.6 mm metal thickness, and two layers, on both sides, of Technogips Pro Gypsum Plasterboard Type A 12.5 mm. Meets the fire resistance requirements for 90 minutes.

30 45 60 90 120 180

Airborne Sound Insulation  
**Rw = 47 ÷ 60 dB**

Wall Self-Weight  
**~38 kg/m<sup>2</sup>**

Wall Thickness  
**100 | 125 | 150 | 175 | 200 mm**

Wall Heights  
**up to 4.00 m**



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
W1-2 Fire Wall 90.2		EI 90	2x2 Type A 12.5 mm*	optional

\*Class of fire resistance EI 90 is valid when using gypsum plasterboards Type A,H2, DF or DFH2 with a minimum thickness of 12.5 mm.

## SPECIFICATION

Material consumption per 1 m <sup>2</sup>			Stud spacing [mm]		
			600	400	300
1.	Gypsum Plasterboard Type A 12.5 mm *	m <sup>2</sup>	4.0	4.0	4.0
2.	Premium Profile CW 50, 75, 100, 125, 150 / 0.6 mm	m'	2.0	3.0	4.0
3.	Premium Profile UW 50, 75, 100, 125, 150 / 0.6 mm	m'	0.7	0.7	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	1.2	1.2	1.2
5.	Joint tape @ all last layers joints + peripheral ones	m'	6.0	6.0	6.0
6.	Gypsum Joint Filler FUGA @ all layers	kg	1.2	1.2	1.2
7.1	Drywall screw 3.5 x 25 mm @ 500 mm	pcs	15.0	18.0	30.0
7.2	Drywall screw 3.5 x 35 mm @ 250 mm	pcs	30.0	45.0	60.0
8.	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	1.6	1.6	1.6
Optional - Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>		m <sup>2</sup>	1.0	1.0	1.0
Optional - Gypsum Skim Coat Technogips Pro SATEN		kg	1.7	1.7	1.7
Optional - Drywall Screw TEX Technogips Pro 4.2 x 13 mm		pcs	2.0	2.0	2.0

- Peripheral profiles are mounted with Ceiling anchors with stud spacing at 400 mm.
- All vertical CW profiles are free-standing with stud spacing of 600, 400 or 300 mm, with no mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 500 mm on first layer and at 250 mm on second layer.
- For walls longer more than 12 m, vertical expansion joints need to be planned along the length.
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m<sup>2</sup>, without losses and wastes.

## ACOUSTICS

	Airborne Sound Insulation dB			
	Profile	Wall Thickness	Without Wool	With Wool
	CW 50	100 mm	47 dB	up to 54 dB
	CW 75	125 mm	49 dB	up to 56 dB
	CW 100	150 mm	51 dB	up to 58 dB
	CW 125	175 mm	52 dB	up to 59 dB
	CW 150	200 mm	52 dB	up to 60 dB

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 90 minutes.

To ensure **quality, security and safety** essential is:

- ✓ Using the full set of Technogips Pro system components.
- ✓ Following the technical requirements for proper installation.

## Technogips Pro W1-2, Fire Wall 90.3

Technogips Pro W1-2, Fire Wall 90.3 is constructed with Premium Profiles Technogips Pro CW/UW, 0.6 mm metal thickness, one layer, on both sides, of Technogips Pro Gypsum Plasterboard Type A 12.5 mm, and second layer, on both sides, of Technogips Pro Gypsum Plasterboard Type DF 12.5 mm.

Meets the fire resistance requirements for **90 minutes**.



**Airborne Sound Insulation**  
**Rw = 48 ÷ 62 dB**

**Wall Self-Weight**  
**~42 kg/m²**

**Wall Thickness**  
**100 | 125 | 150 | 175 | 200 mm**

**Wall Heights**  
**up to 4.00 m**



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
W1-2 Fire Wall 90.3		EI 90	2x2 Type A 12.5 mm + Type DF 12.5 mm*	optional

\*Class of fire resistance EI 90 is valid when using gypsum plasterboards Type A, H2, DF or DFH2 with a minimum thickness of 12.5 mm for first layer Type DF or DFH2 with a minimum thickness of 12.5 mm for second layer.

## SPECIFICATION

Material consumption per 1 m²		Stud spacing [mm]			
		600	400	300	
1.1	Gypsum Plasterboard Type A 12.5 mm *	m²	2.0	2.0	2.0
1.2	Gypsum Plasterboard Type DF 12.5 mm *	m²	2.0	2.0	2.0
2.	Premium Profile CW 50, 75, 100, 125, 150 / 0.6 mm	m'	2.0	3.0	4.0
3.	Premium Profile UW 50, 75, 100, 125, 150 / 0.6 mm	m'	0.7	0.7	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	1.2	1.2	1.2
5.	Joint tape @ all last layers joints + peripheral ones	m'	6.0	6.0	6.0
6.	Gypsum Joint Filler FUGA @ all layers	kg	1.2	1.2	1.2
7.1	Drywall screw 3.5 x 25 mm @ 500 mm	pcs	15.0	18.0	30.0
7.2	Drywall screw 3.5 x 35 mm @ 250 mm	pcs	30.0	45.0	60.0
8.	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	1.6	1.6	1.6
	Optional - Stone wool, thickness > 50 mm, density > 40 kg/m³	m²	1.0	1.0	1.0
	Optional - Gypsum Skim Coat Technogips Pro SATEN	kg	1.7	1.7	1.7
	Optional - Drywall Screw TEX Technogips Pro 4.2 x 13 mm	pcs	2.0	2.0	2.0

- Peripheral profiles are mounted with Ceiling anchors with stud spacing at 400 mm.
- All vertical CW profiles are free-standing with stud spacing of 600, 400 or 300 mm, with no mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 500 mm on first layer and at 250 mm on second layer.
- For walls longer more than 12 m, vertical expansion joints need to be planned along the length.
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m², without losses and wastes.

## ACOUSTICS

Profile	Wall Thickness	Airborne Sound Insulation dB	
		Without Wool	With Wool
CW 50	100 mm	48 dB	up to 54 dB
CW 75	125 mm	50 dB	up to 58 dB
CW 100	150 mm	52 dB	up to 59 dB
CW 125	175 mm	53 dB	up to 60 dB
CW 150	200 mm	53 dB	up to 61 dB

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 90 minutes.

To ensure **quality, security** and **safety** essential is:

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

## Technogips Pro W2-2-1, Fire Wall 90.4

Technogips Pro W2-2-1, Fire Wall 90.4 is constructed with Premium Profiles Technogips Pro CW/UW, 0.6 mm metal thickness, one inner layer and two outer layers, on both sides, of Technogips Pro gypsum plasterboard Type A 12.5 mm. The inside of the wall is filled with stone wool.

Meets the fire resistance requirements for 90 minutes.

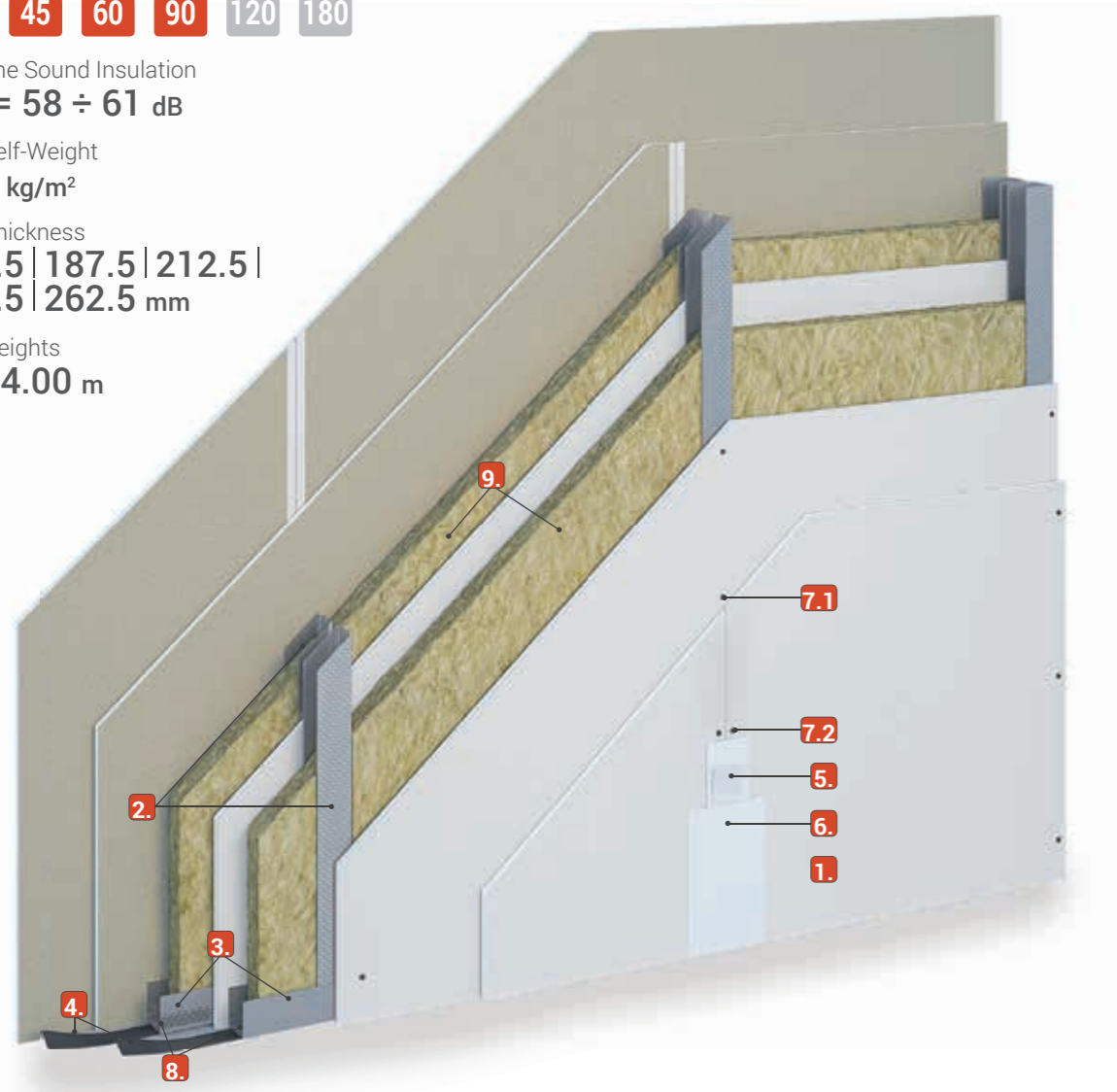


**Airborne Sound Insulation**  
**R<sub>w</sub> = 58 ÷ 61 dB**

**Wall Self-Weight**  
**~55 kg/m<sup>2</sup>**

**Wall Thickness**  
**162.5 | 187.5 | 212.5 | 237.5 | 262.5 mm**

**Wall Heights**  
**up to 4.00 m**



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
W2-2-1 Fire Wall 90.4		EI 90	2x2+1 Type A 12.5 mm*	Stone wool

\*Class of fire resistance EI 90 is valid when using gypsum plasterboards Type A,H2, DF or DFH2 with a minimum thickness of 12.5 mm..

## SPECIFICATION

Material consumption per 1 m <sup>2</sup>		Stud spacing [mm]			
		600	400	300	
1.	Gypsum Plasterboard Type A 12.5 mm *	m <sup>2</sup>	5.0	5.0	5.0
2.	Premium Profile CW 50, 75, 100, 125, 150 / 0.6 mm	m'	4.0	6.0	8.0
3.	Premium Profile UW 50, 75, 100, 125, 150 / 0.6 mm	m'	1.4	1.4	1.4
4.	Acoustic Foam Tape @ the peripheral profiles	m'	2.4	2.4	2.4
5.	Joint tape @ all last layers joints + peripheral ones	m'	6.0	6.0	6.0
6.	Gypsum Joint Filler FUGA @ all layers	kg	1.2	1.2	1.2
7.1	Drywall screw 3.5 x 25 mm @ 500 mm	pcs	15.0	18.0	30.0
7.2	Drywall screw 3.5 x 35 mm @ 250 mm	pcs	30.0	45.0	60.0
8.	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	3.2	3.2	3.2
Optional - Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>		m <sup>2</sup>	2.0	2.0	2.0
Optional - Gypsum Skim Coat Technogips Pro SATEN		kg	1.7	1.7	1.7
Optional - Drywall Screw TEX Technogips Pro 4.2 x 13 mm		pcs	2.0	2.0	2.0

- Peripheral profiles are mounted with Ceiling anchors with stud spacing at 400 mm.
- All vertical CW profiles are free-standing with stud spacing of 600, 400 or 300 mm, with no mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 500 mm on first layer and at 250 mm on second layer.
- For walls longer more than 12 m, vertical expansion joints need to be planned along the length.
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m<sup>2</sup>, without losses and wastes.

## ACOUSTICS

Gypsum Plasterboard Type A 12.5 mm	Airborne Sound Insulation dB			
	Profile	Wall Thickness	Without Wool	With Wool
	CW 50	162.5 mm	58 dB	up to 58 dB
	CW 75	212.5 mm	61 dB	up to 61 dB
	CW 100	262.5 mm	61 dB	до 61 dB

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 90 minutes.

To ensure **quality, security and safety** essential is:

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

## Technogips Pro W1-2, Fire Wall 120.1

Technogips Pro W1-2, Fire Wall 120.1 is constructed with Premium Profiles Technogips Pro CW/UW, 0.6 mm metal thickness, and two layers, on both sides, of Technogips Pro Gypsum Plasterboard Type DF 12.5. Meets the fire resistance requirements for **120 minutes**.

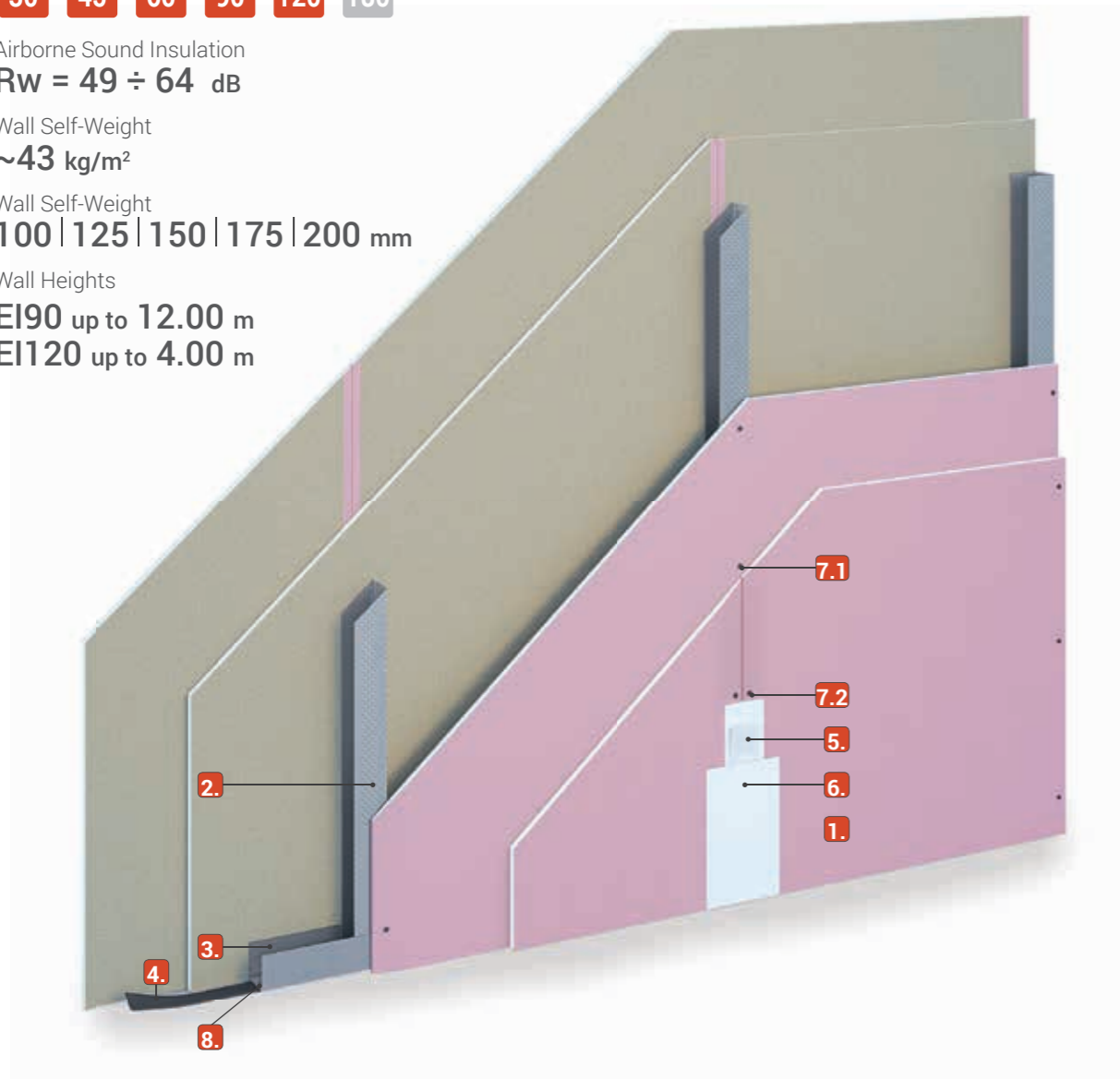


**Airborne Sound Insulation**  
**R<sub>w</sub> = 49 ÷ 64 dB**

**Wall Self-Weight**  
**~43 kg/m<sup>2</sup>**

**Wall Self-Weight**  
**100 | 125 | 150 | 175 | 200 mm**

**Wall Heights**  
**EI90 up to 12.00 m**  
**EI120 up to 4.00 m**



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
W1-2 Fire Wall 120.1		EI 120	2x2 Type DF 12.5 mm*	optional

\*Class of fire resistance EI 120 is valid when using gypsum plasterboards Type DF or DFH2 with a minimum thickness of 12.5 mm.

## SPECIFICATION

Material consumption per 1 m <sup>2</sup>		Stud spacing [mm]			
		600	400	300	
1.	Gypsum Plasterboard Type DF 12.5 mm *	m <sup>2</sup>	4.0	4.0	4.0
2.	Premium Profile CW 50, 75, 100, 125, 150 / 0.6 mm	m'	2.0	3.0	4.0
3.	Premium Profile UW 50, 75, 100, 125, 150 / 0.6 mm	m'	0.7	0.7	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	1.2	1.2	1.2
5.	Joint tape @ all last layers joints + peripheral ones	m'	6.0	6.0	6.0
6.	Gypsum Joint Filler FUGA @ all layers	kg	1.2	1.2	1.2
7.1	Drywall screw 3.5 x 25 mm @ 500 mm	pcs	15.0	18.0	30.0
7.2	Drywall screw 3.5 x 35 mm @ 250 mm	pcs	30.0	45.0	60.0
8.	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	1.6	1.6	1.6
Optional - Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>		m <sup>2</sup>	1.0	1.0	1.0
Optional - Gypsum Skim Coat Technogips Pro SATEN		kg	1.7	1.7	1.7
Optional - Drywall Screw TEX Technogips Pro 4.2 x 13 mm		pcs	2.0	2.0	2.0

- Peripheral profiles are mounted with Ceiling anchors with stud spacing at 400 mm.
- All vertical CW profiles are free-standing with stud spacing of 600, 400 or 300 mm, with no mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 500 mm on first layer and at 250 mm on second layer.
- For walls longer more than 12 m, vertical expansion joints need to be planned along the length.
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m<sup>2</sup>, without losses and wastes.

## ACOUSTICS

Gypsum Plasterboard Type DF 12.5 mm	Airborne Sound Insulation dB			
	Profile	Wall Thickness	Without Wool	With Wool
	CW 50	100 mm	49 dB	up to 56 dB
	CW 75	125 mm	51 dB	up to 59 dB
	CW 100	150 mm	53 dB	up to 61 dB
	CW 125	175 mm	54 dB	up to 61 dB
	CW 150	200 mm	54 dB	up to 62 dB

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 120 minutes.

To ensure **quality, security and safety** essential is:

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

## Technogips Pro W1-2, Fire Wall 120.7

Technogips Pro W1-2, Fire Wall 120.7 is constructed with Premium Profiles Technogips Pro CW/UW, 0.6 mm metal thickness, and two layers, on both sides, of Technogips Pro Gypsum Plasterboard Type DF 12.5. The inside of the wall is filled with stone wool. Meets the fire resistance requirements for **120 minutes**.

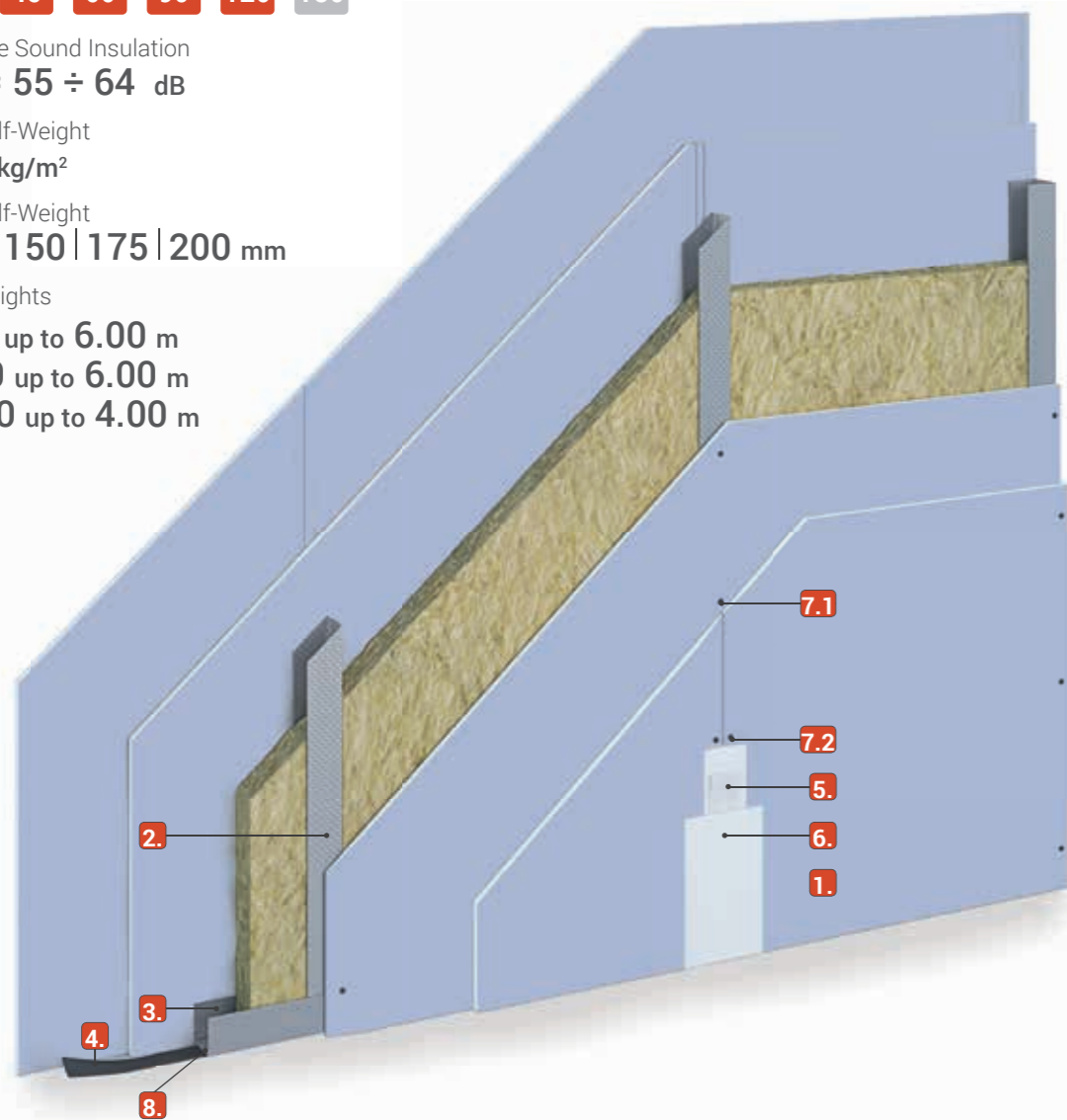
30 45 60 90 120 180

Airborne Sound Insulation  
**Rw = 55 ÷ 64 dB**

Wall Self-Weight  
**~56 kg/m<sup>2</sup>**

Wall Self-Weight  
**125 | 150 | 175 | 200 mm**

Wall Heights  
**EI90 up to 6.00 m**  
**E120 up to 6.00 m**  
**EI120 up to 4.00 m**



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
W1-2 Fire Wall 120.7		EI 120	2x2 тип DFH1IR 12.5 mm*	Stone wool

\*Class of fire resistance EI 120 is valid when using gypsum plasterboards Type DFH1IR or GMFH1IR with a minimum thickness of 12.5 mm..

## SPECIFICATION

Material consumption per 1 m <sup>2</sup>			Stud spacing [mm]		
			600	400	300
1.	Плоскост Technogips Pro TITIAN Board Тип DFH1IR 12.5 mm *	m <sup>2</sup>	4.0	4.0	4.0
2.	Premium Profile CW 75, 100, 125, 150 / 0.6 mm	m'	2.0	3.0	4.0
3.	Premium Profile UW 75, 100, 125, 150 / 0.6 mm	m'	0.7	0.7	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	1.2	1.2	1.2
5.	Joint tape @ all last layers joints + peripheral ones	m'	6.0	6.0	6.0
6.	Gypsum Joint Filler FUGA @ all layers	kg	1.2	1.2	1.2
7.1	TITAN screw 3.9 x 25 mm @ 500 mm	pcs	15.0	18.0	30.0
7.2	TITAN screw 3.9 x 35 mm @ 250 mm	pcs	30.0	45.0	60.0
8.	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	1.6	1.6	1.6
9.	Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>	m <sup>2</sup>	1.0	1.0	1.0
Optional - Gypsum Skim Coat Technogips Pro SATEN		kg	1.7	1.7	1.7
Optional - Drywall Screw TEX Technogips Pro 4.2 x 13 mm		6p.	2.0	2.0	2.0

- Peripheral profiles are mounted with Ceiling anchors with stud spacing at 400 mm.
- All vertical CW profiles are free-standing with stud spacing of 600, 400 or 300 mm, with no mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 500 mm on first layer and at 250 mm on second layer.
- For walls longer more than 12 m, vertical expansion joints need to be planned along the length.
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m<sup>2</sup>, without losses and wastes.

## ACOUSTICS

	Airborne Sound Insulation dB			
	Profile	Wall Thickness	Without Wool	With Wool
	CW 75	125 mm	55 dB	up to 62 dB
	CW 100	150 mm	57 dB	up to 63 dB
	CW 125	175 mm	58 dB	up to 64 dB
	CW 150	200 mm	58 dB	up to 64 dB

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 120 minutes.

To ensure **quality, security** and **safety** essential is:

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

## Technogips Pro W1-3, Fire Wall 120.2

Technogips Pro W1-3, Fire Wall 120.2 is constructed with Premium Profiles Technogips Pro CW/UW, 0.6 mm metal thickness, and three layers, on both sides, of Technogips Pro Gypsum Plasterboard Type A 12.5 mm. Meets the fire resistance requirements for 120 minutes.

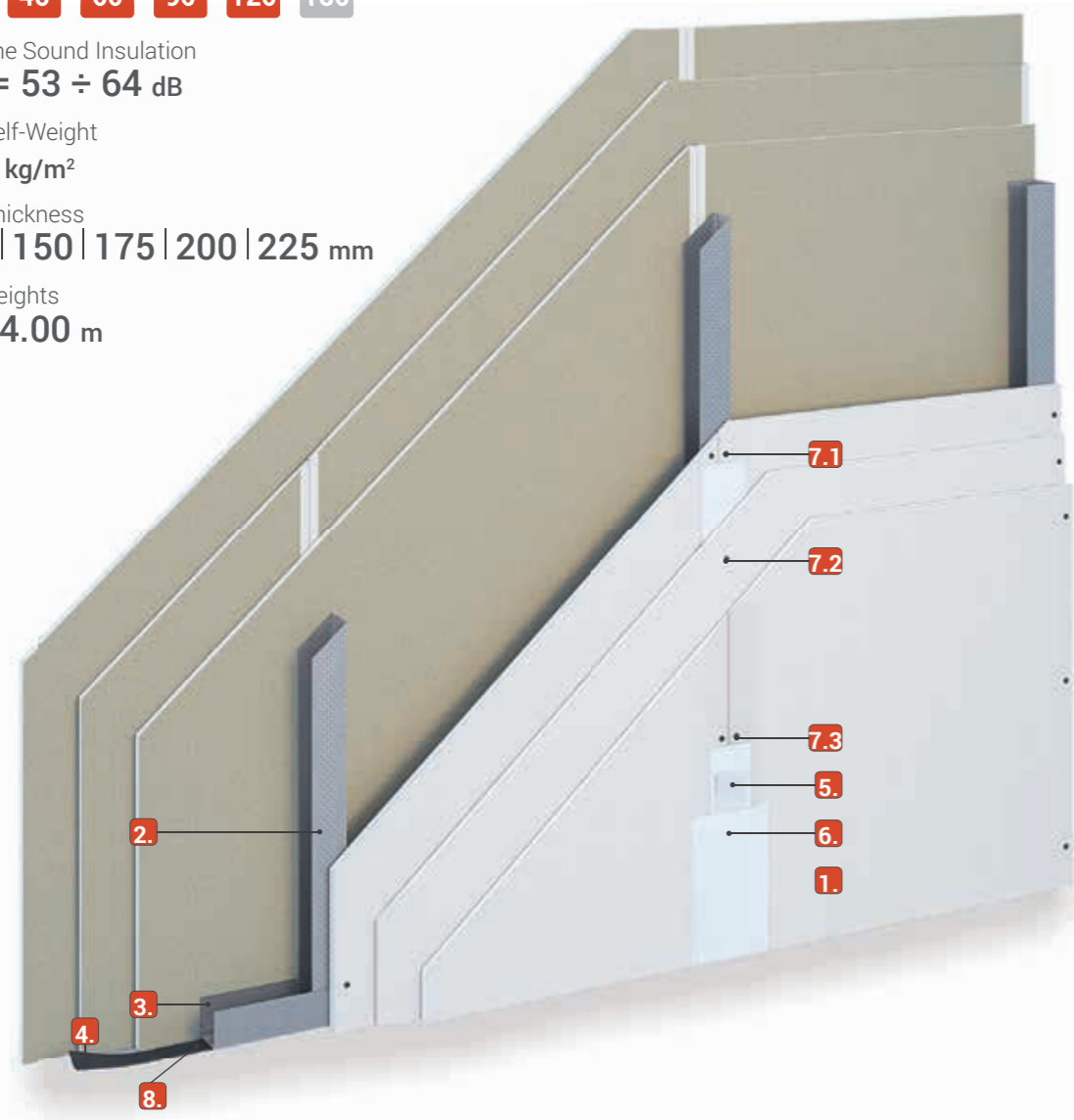
30 45 60 90 120 180

Airborne Sound Insulation  
**Rw = 53 ÷ 64 dB**

Wall Self-Weight  
**~55 kg/m²**

Wall Thickness  
**125 | 150 | 175 | 200 | 225 mm**

Wall Heights  
**up to 4.00 m**



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
W1-3 Fire Wall 120.2		EI 120	2x3 Type A 12.5 mm*	optional

\*Class of fire resistance EI 120 is valid when using gypsum plasterboards Type A,H2, DF or DFH2 with a minimum thickness of 12.5 mm.

## SPECIFICATION

Material consumption per 1 m²		Stud spacing [mm]			
		600	400	300	
1.	Gypsum Plasterboard Type A 12.5 mm *	m²	6.0	6.0	6.0
2.	Premium Profile CW 50, 75, 100, 125, 150 / 0.6 mm	m'	2.0	3.0	4.0
3.	Premium Profile UW 50, 75, 100, 125, 150 / 0.6 mm	m'	0.7	0.7	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	1.2	1.2	1.2
5.	Joint tape @ all last layers joints + peripheral ones	m'	9.0	9.0	9.0
6.	Gypsum Joint Filler FUGA @ all layers	kg	1.8	1.8	1.8
7.1	Drywall screw 3.5 x 25 mm @ 500 mm	pcs	15.0	18.0	30.0
7.2	Drywall screw 3.5 x 35 mm @ 500 mm	pcs	15.0	18.0	30.0
7.3	Drywall screw 3.5 x 55 mm @ 250 mm	pcs	30.0	45.0	60.0
8.	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	1.6	1.6	1.6
	Optional - Stone wool, thickness > 50 mm, density > 40 kg/m³	m²	1.0	1.0	1.0
	Optional - Gypsum Skim Coat Technogips Pro SATEN	kg	1.7	1.7	1.7
	Optional - Drywall Screw TEX Technogips Pro 4.2 x 13 mm	pcs	2.0	2.0	2.0

- Peripheral profiles are mounted with Ceiling anchors with stud spacing at 400 mm.
- All vertical CW profiles are free-standing with stud spacing of 600, 400 or 300 mm, with no mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 500 mm on first layer, at 500 mm on second layer, at 250 mm on third layer.
- For walls longer more than 12 m, vertical expansion joints need to be planned along the length.
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m², without losses and wastes.

## ACOUSTICS

	Airborne Sound Insulation dB			
	Profile	Wall Thickness	Without Wool	With Wool
Gypsum Plasterboard Type A 12.5 mm	CW 50	125 mm	53 dB	up to 59 dB
	CW 75	150 mm	56 dB	up to 62 dB
	CW 100	175 mm	57 dB	up to 63 dB
	CW 125	200 mm	58 dB	up to 64 dB
	CW 150	225 mm	58 dB	up to 64 dB

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 120 minutes.

To ensure quality, **security and safety essential is:**

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

## Technogips Pro W2-2, Fire Wall 120.3

Technogips Pro W2-2, Fire Wall 120.3 is constructed with Premium Profiles Technogips Pro CW/UW, 0.6 mm metal thickness, and two layers, on both sides, of Technogips Pro Gypsum Plasterboard Type DFH2 12.5 mm. The construction is paired with an appropriate width of gypsum plasterboard stripes.

Meets the fire resistance requirements for **120 minutes**.

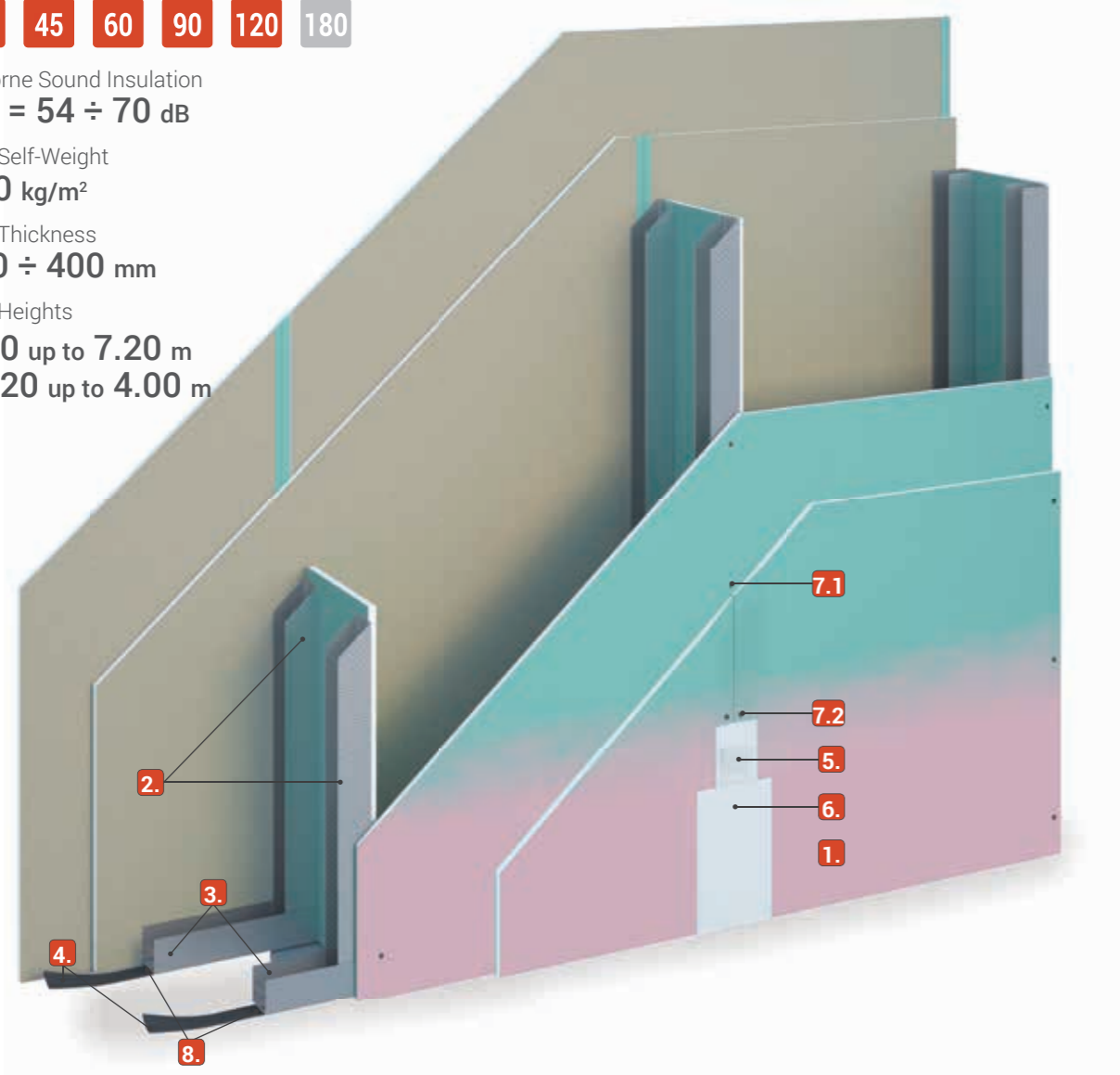


**Airborne Sound Insulation**  
**Rw = 54 ÷ 70 dB**

**Wall Self-Weight**  
**~50 kg/m<sup>2</sup>**

**Wall Thickness**  
**160 ÷ 400 mm**

**Wall Heights**  
**EI90 up to 7.20 m**  
**EI120 up to 4.00 m**



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
W2-2 Fire Wall 120.3		EI 120	2x2 Type DFH2 12.5 mm*	optional

\*Class of fire resistance EI 120 s valid when using gypsum plasterboards Type DFH2 with a minimum thickness of 12.5 mm.

## SPECIFICATION

Material consumption per 1 m <sup>2</sup>		Stud spacing [mm]			
		600	400	300	
1.	Gypsum Plasterboard Type DFH2 12.5 mm *	m <sup>2</sup>	4.2	4.3	4.4
2.	Premium Profile CW 50, 75, 100 / 0.6 mm	m'	4.0	6.0	8.0
3.	Premium Profile UW 50, 75, 100 / 0.6 mm	m'	1.4	1.4	1.4
4.	Acoustic Foam Tape @ the peripheral profiles	m'	2.4	2.4	2.4
5.	Joint tape @ all last layers joints + peripheral ones	m'	6.0	6.0	6.0
6.	Gypsum Joint Filler FUGA @ all layers	kg	1.2	1.2	1.2
7.1	Drywall screw 3.5 x 25 mm @ 250 mm	pcs	15.0	18.0	30.0
7.2	Drywall screw 3.5 x 35 mm @ 250 mm	pcs	30.0	45.0	60.0
8.	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	1.6	1.6	1.6
Optional - Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>		m <sup>2</sup>	1.0	1.0	1.0
Optional - Gypsum Skim Coat Technogips Pro SATEN		kg	1.7	1.7	1.7
Optional - Drywall Screw TEX Technogips Pro 4.2 x 13 mm		pcs	2.0	2.0	2.0

- Peripheral profiles are mounted with Ceiling anchors with stud spacing at 400 mm.
- All vertical CW profiles are free-standing with stud spacing of 600, 400 or 300 mm, with no mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA or FUGA hydro, and reinforced with joint tape.
- Drywall screws are mounted at 500 mm on first layer and at 250 mm on second layer.
- For walls longer more than 12 m, vertical expansion joints need to be planned along the length.
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m<sup>2</sup>, without losses and wastes.

## ACOUSTICS

Gypsum Plasterboard Type DFH2 12.5 mm	Airborne Sound Insulation dB			
	Profile	Wall Thickness	Without Wool	With Wool
	CW 50	160 mm	54 dB	up to 62 dB
	CW 75	250 mm	55 dB	up to 65 dB
	CW 100	400 mm	56 dB	up to 70 dB

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 120 minutes.

To ensure quality, **security and safety essential is:**

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

## Technogips Pro W1-3, Fire Wall 120.4

Technogips Pro W1-3, Fire Wall 120.4 is constructed with paired Premium Profiles Technogips Pro CW/UW, 0.6 mm metal thickness, and three layers, on both sides, of Technogips Pro Gypsum Plasterboard Type DF 12.5 mm.

The inside of the wall is filled with stone wool.

Meets the fire resistance requirements for **120 minutes**.

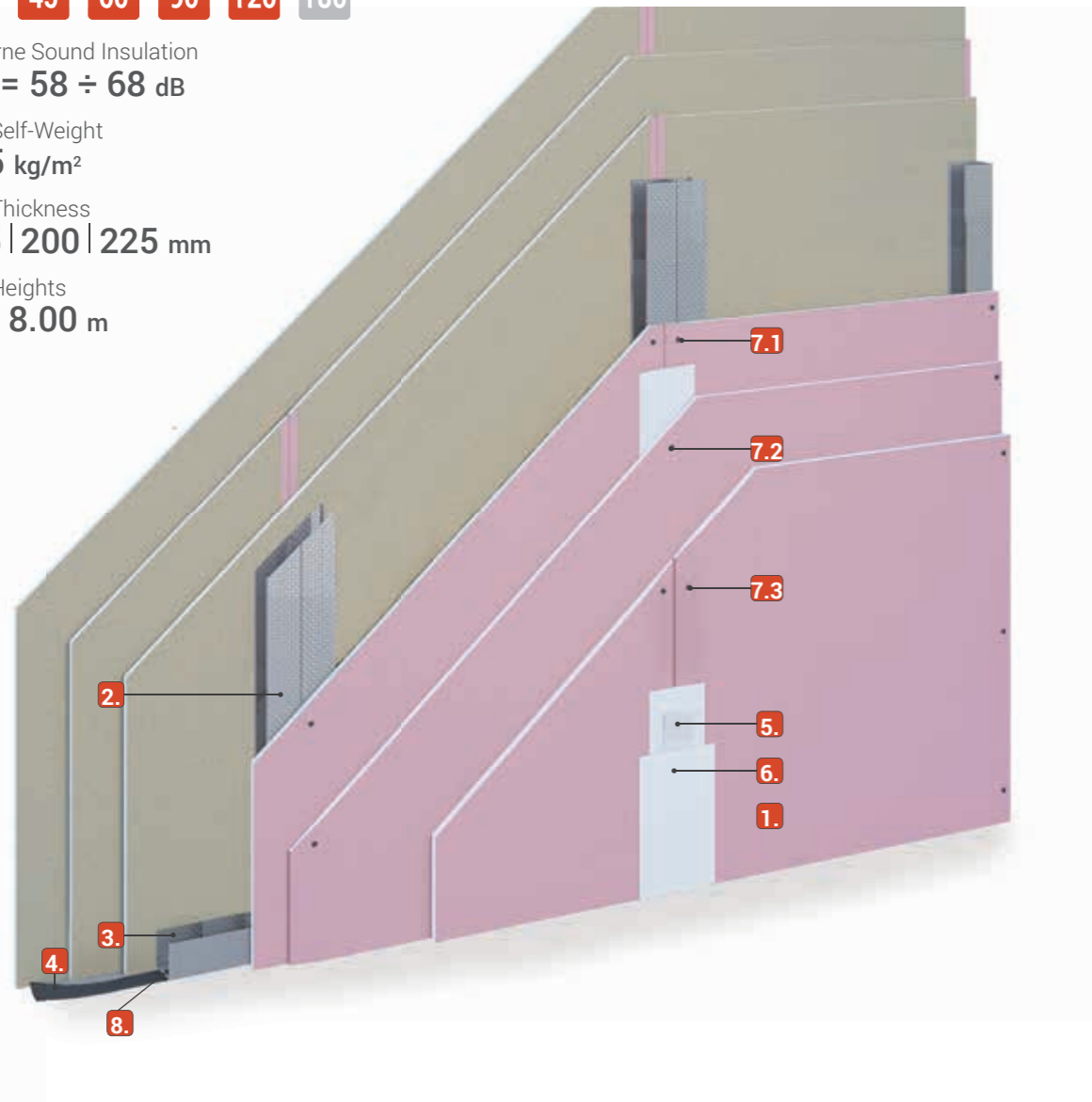


**Airborne Sound Insulation**  
**Rw = 58 ÷ 68 dB**

**Wall Self-Weight**  
**~65 kg/m²**

**Wall Thickness**  
**175 | 200 | 225 mm**

**Wall Heights**  
**up to 8.00 m**



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
W1-3 Fire Wall 120.4		EI 120	2x3 Type DF 12.5 mm*	optional

\*Class of fire resistance EI 120 is valid when using gypsum plasterboards Type DF or DFH2 with a minimum thickness of 12.5 mm.

## SPECIFICATION

Material consumption per 1 m²			Stud spacing [mm]		
			600	400	300
1.	Gypsum Plasterboard Type DF 12.5 mm *	m²	6.0	6.0	6.0
2.	Premium Profile CW 100, 125, 150 / 0.6 mm	m'	4.0	6.0	8.0
3.	Premium Profile UW 100, 125, 150 / 0.6 mm	m'	0.7	0.7	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	1.2	1.2	1.2
5.	Joint tape @ all last layers joints + peripheral ones	m'	9.0	9.0	9.0
6.	Gypsum Joint Filler FUGA @ all layers	kg	1.8	1.8	1.8
7.1	Drywall screw 3.5 x 25 mm @ 500 mm	pcs	18.0	18.0	30.0
7.2	Drywall screw 3.5 x 35 mm @ 500 mm	pcs	18.0	18.0	30.0
7.3	Drywall screw 3.5 x 55 mm @ 250 mm	pcs	45.0	45.0	60.0
8.	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	1.6	1.6	1.6
	Optional - Stone wool, thickness > 50 mm, density > 40 kg/m³	m²	1.0	1.0	1.0
	Optional - Gypsum Skim Coat Technogips Pro SATEN	kg	1.7	1.7	1.7
	Optional - Drywall Screw TEX Technogips Pro 4.2 x 13 mm	pcs	2.0	2.0	2.0

- Peripheral profiles are mounted with Ceiling anchors with stud spacing at 400 mm.
- All vertical CW profiles are free-standing with stud spacing at 600, 400 or 300 mm, without mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 500 mm on first layer, at 500 mm on second layer, at 250 mm on third layer.
- For walls more than 12 m long, vertical expansion joints have to be planned
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m², without losses and wastes.

## ACOUSTICS

Gypsum Plasterboard Type DF 12.5 mm	Airborne Sound Insulation dB			
	Profile	Wall Thickness	Without Wool	With Wool
	CW 100	175 mm	59 dB	up to 65 dB
	CW 125	200 mm	62 dB	up to 66 dB
	CW 150	225 mm	62 dB	up to 66 dB

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 120 minutes.

To ensure **quality, security** and **safety** essential is:

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

## Technogips Pro W1-3, Fire Wall 180.1

Technogips Pro W1-3, Fire Wall 180.1 is constructed with Premium Profiles Technogips Pro CW/UW, 0.6 mm metal thickness, and three layers, on both sides, of Technogips Pro Gypsum Plasterboard Type DF 12.5 mm. Meets the fire resistance requirements for **180 minutes**.

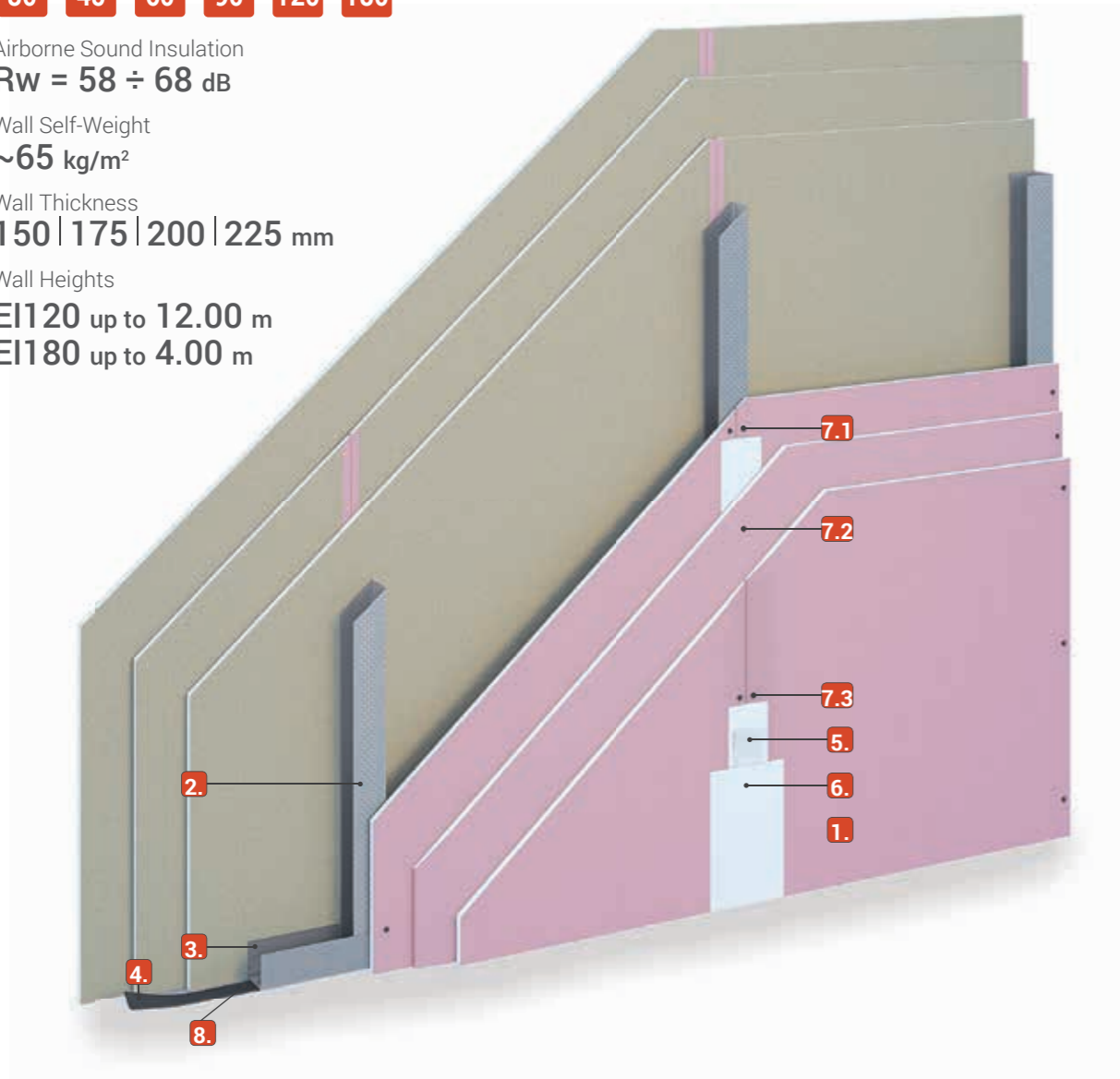
**30 45 60 90 120 180**

**Airborne Sound Insulation**  
**Rw = 58 ÷ 68 dB**

**Wall Self-Weight**  
**~65 kg/m<sup>2</sup>**

**Wall Thickness**  
**150 | 175 | 200 | 225 mm**

**Wall Heights**  
**EI120 up to 12.00 m**  
**EI180 up to 4.00 m**



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
W1-3 Fire Wall 180.1		<b>EI 180</b>	2x3 Type DF 12.5 mm*	optional

\*Class of fire resistance EI 180 is valid when using gypsum plasterboards Type DF or DFH2 with a minimum thickness of 12.5 mm.

## SPECIFICATION

Material consumption per 1 m <sup>2</sup>			Stud spacing [mm]	
			400	300
1.	Gypsum Plasterboard Type DF 12.5 mm *	m <sup>2</sup>	6.0	6.0
2.	Premium Profile CW 75, 100, 125, 150 / 0.6 mm	m'	3.0	4.0
3.	Premium Profile UW 75, 100, 125, 150 / 0.6 mm	m'	0.7	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	1.2	1.2
5.	Joint tape @ all last layers joints + peripheral ones	m'	9.0	9.0
6.	Gypsum Joint Filler FUGA @ all layers	kg	1.8	1.8
7.1	Drywall screw 3.5 x 25 mm @ 500 mm	pcs	18.0	30.0
7.2	Drywall screw 3.5 x 35 mm @ 500 mm	pcs	18.0	30.0
7.3	Drywall screw 3.5 x 55 mm @ 250 mm	pcs	45.0	60.0
8.	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	1.6	1.6
Optional - Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>		m <sup>2</sup>	1.0	1.0
Optional - Gypsum Skim Coat Technogips Pro SATEN		kg	1.7	1.7
Optional - Drywall Screw TEX Technogips Pro 4.2 x 13 mm		pcs	2.0	2.0

- Peripheral profiles are mounted with Ceiling anchors with stud spacing at 400 mm.
- All vertical CW profiles are free-standing with stud spacing of 600, 400 or 300 mm, with no mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 500 mm on first layer, at 500 mm on second layer, at 250 mm on third layer
- For walls longer more than 12 m, vertical expansion joints need to be planned along the length.
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m<sup>2</sup>, without losses and wastes.

## ACOUSTICS

Gypsum Plasterboard Type DF 12.5 mm	Airborne Sound Insulation dB			
	Profile	Wall Thickness	Without Wool	With Wool
	<b>CW 75</b>	<b>150 mm</b>	<b>58 dB</b>	up to <b>64 dB</b>
	<b>CW 100</b>	<b>175 mm</b>	<b>59 dB</b>	up to <b>65 dB</b>
	<b>CW 125</b>	<b>200 mm</b>	<b>62 dB</b>	up to <b>66 dB</b>
	<b>CW 150</b>	<b>225 mm</b>	<b>62 dB</b>	up to <b>66 dB</b>

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 180 minutes.

To ensure **quality, security and safety** essential is:

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

## Technogips Pro W1-3, Fire Wall 180.2

Technogips Pro W1-3, Fire Wall 180.2 is constructed with Premium Profiles Technogips Pro CW/UW, 0.6 mm metal thickness, and three layers, on both sides, of Technogips Pro Gypsum Plasterboard Type DF 15 mm. Meets the fire resistance requirements for **180 minutes**.

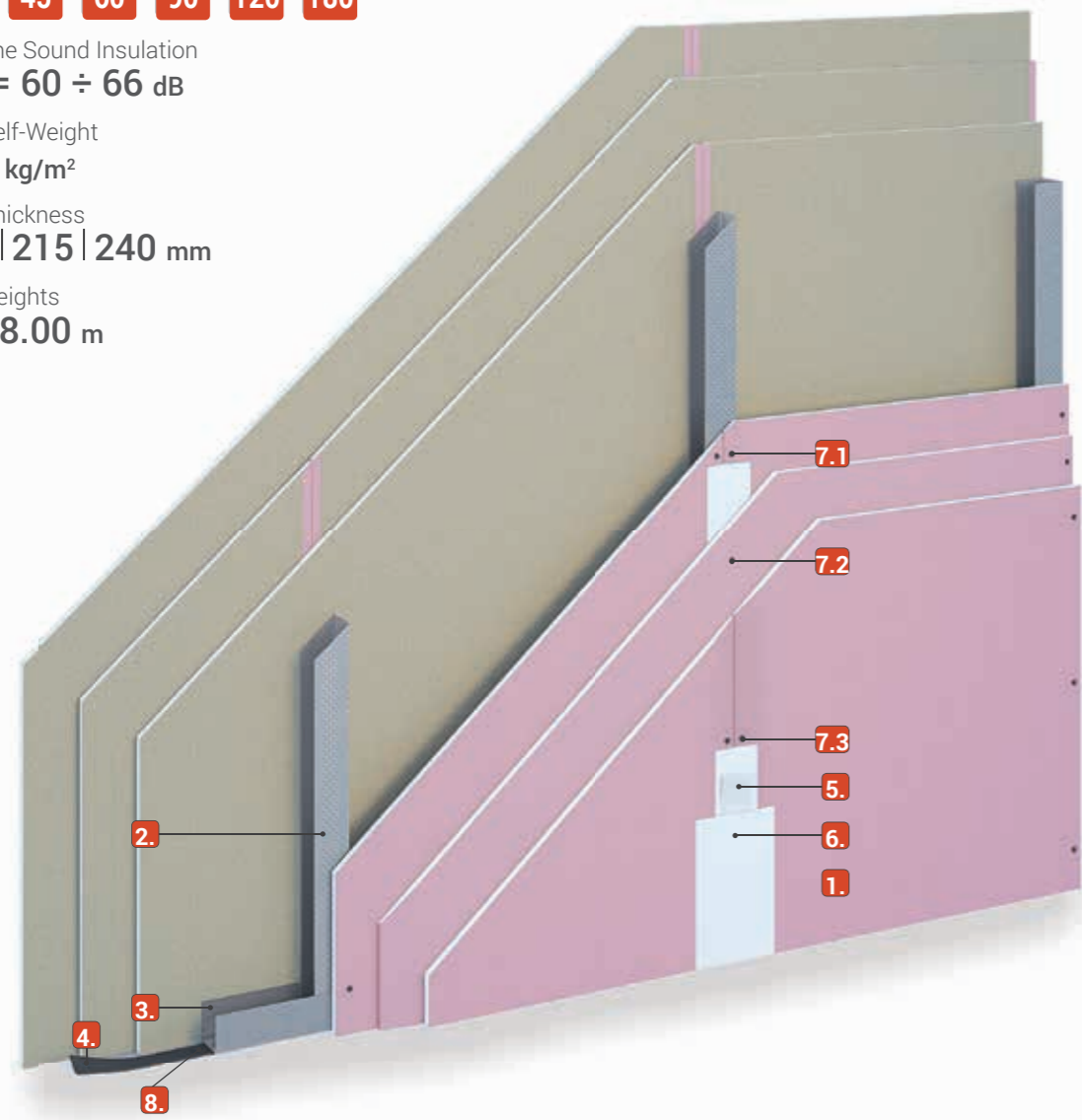
**30 45 60 90 120 180**

**Airborne Sound Insulation**  
**Rw = 60 ÷ 66 dB**

**Wall Self-Weight**  
**~80 kg/m<sup>2</sup>**

**Wall Thickness**  
**190 | 215 | 240 mm**

**Wall Heights**  
**up to 8.00 m**



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
<b>W1-3 Fire Wall 180.2</b>		<b>EI 180</b>	2x3 Type DF 15 mm*	optional

\*Class of fire resistance EI 180 is valid when using gypsum plasterboards Type DF or DFH2 with a minimum thickness of 15 mm.

## SPECIFICATION

Material consumption per 1 m <sup>2</sup>			Stud spacing [mm]
			300
<b>1.</b>	Gypsum Plasterboard Type DF 15 mm *	m <sup>2</sup>	6.0
<b>2.</b>	Premium Profile CW 100, 125, 150 / 0.6 mm	m'	4.0
<b>3.</b>	Premium Profile UW 100, 125, 150 / 0.6 mm	m'	0.7
<b>4.</b>	Acoustic Foam Tape @ the peripheral profiles	m'	1.2
<b>5.</b>	Joint tape @ all last layers joints + peripheral ones	m'	9.0
<b>6.</b>	Gypsum Joint Filler FUGA @ all layers	kg	1.8
<b>7.1</b>	Drywall screw 3.5 x 25 mm @ 500 mm	pcs	30.0
<b>7.2</b>	Drywall screw 3.5 x 45 mm @ 500 mm	pcs	30.0
<b>7.3</b>	Drywall screw 3.5 x 70 mm @ 250 mm	pcs	60.0
<b>8.</b>	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	1.6
	Premium Profile UA 120/100/120/2.0 mm	m'	0.2
	Optional - Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>	m <sup>2</sup>	1.0
	Optional - Gypsum Skim Coat Technogips Pro SATEN	kg	1.7
	Optional - Drywall Screw TEX Technogips Pro 4.2 x 13 mm	pcs	1.0

- Peripheral profiles are mounted with anchors at 300 mm.
- All vertical CW profiles are free-standing with stud spacing of 600, 400 or 300 mm, with no mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 400 mm on first layer, at 300 mm on second layer, at 200 mm on third layer.
- For walls more than 12 m long, vertical expansion joints have to be planned along the length.
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m<sup>2</sup>, without losses and wastes.

## ACOUSTICS

	Airborne Sound Insulation dB			
	Profile	Wall Thickness	Without Wool	With Wool
	<b>CW 100</b>	<b>190 mm</b>	<b>60 dB</b>	up to <b>66 dB</b>
	<b>CW 125</b>	<b>215 mm</b>	<b>61 dB</b>	up to <b>66 dB</b>
	<b>CW 150</b>	<b>240 mm</b>	<b>62 dB</b>	up to <b>66 dB</b>

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 180 minutes.

To ensure **quality, security and safety** essential is:

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

## Shaft Walls and Wall Linings

### Technogips Pro S1-2, Shaft Fire Wall 45.1

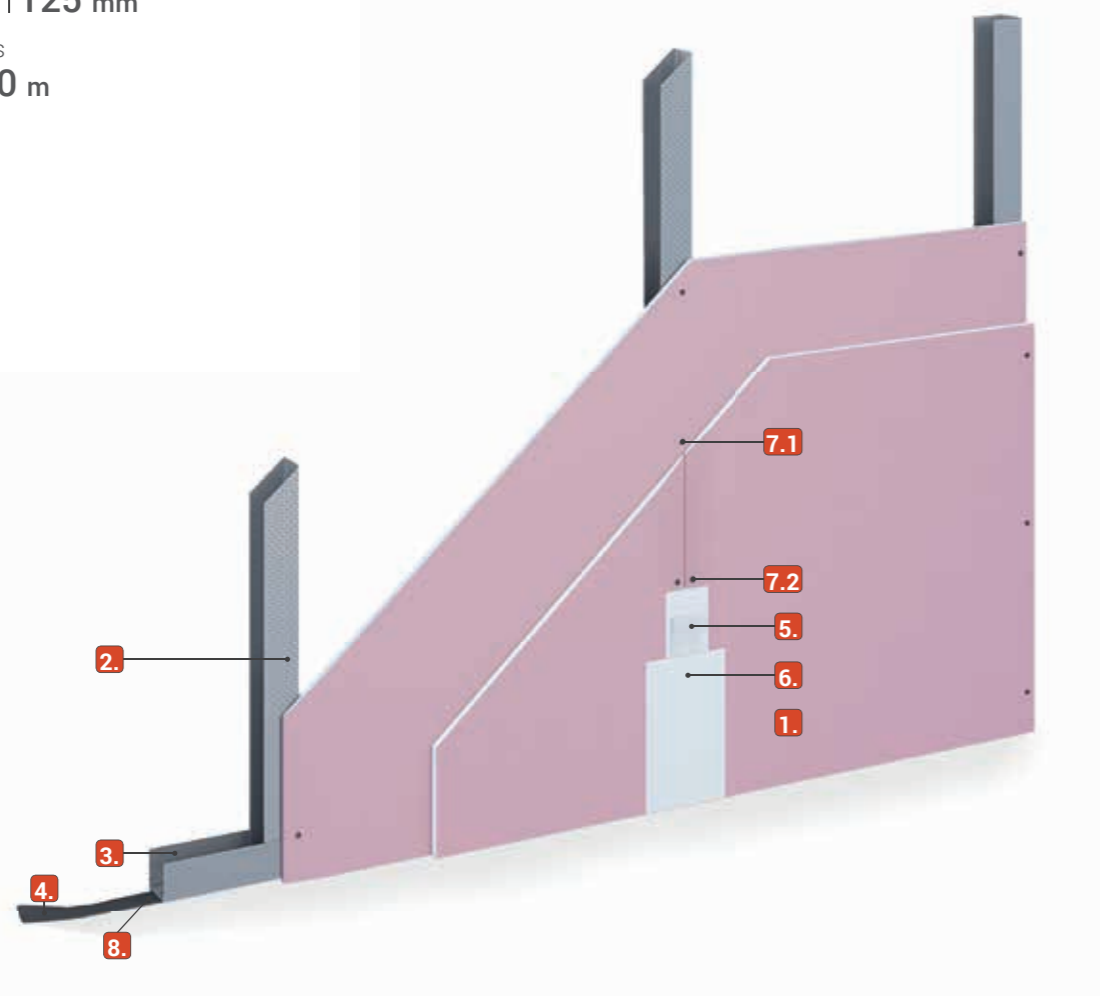
Technogips Pro S1-2, Shaft Fire Wall 45.1 is constructed with Premium Profile Technogips Pro CW/UW, 0.6 mm metal thickness, and two layers, one-sided, of Technogips Pro Gypsum Plasterboard Type DF 12.5 mm. Meets the fire resistance requirements for **45 minutes**.



Wall Self-Weight  
~23 kg/m<sup>2</sup>

Wall Thickness  
75 | 100 | 125 mm

Wall Heights  
up to 4.00 m



### SPECIFICATION

Material consumption per 1 m <sup>2</sup>		Stud spacing [mm]			
		600	400	300	
1.	Gypsum Plasterboard Type DF 12.5 mm *	m <sup>2</sup>	2.0	2.0	2.0
2.	Premium Profile CW 50, 75, 100 / 0.6 mm	m'	2.0	3.0	4.0
3.	Premium Profile UW 50, 75, 100 / 0.6 mm	m'	0.7	0.7	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	1.2	1.2	1.2
5.	Joint tape @ all last layers joints + peripheral ones	m'	3.0	3.0	3.0
6.	Gypsum Joint Filler FUGA @ all layers	kg	0.6	0.6	0.6
7.1	Drywall screw 3.5 x 25 mm @ 500 mm	pcs	8.0	9.0	15.0
7.2	Drywall screw 3.5 x 35 mm @ 250 mm	pcs	15.0	23.0	30.0
8.	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	1.6	1.6	1.6
Optional - Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>		m <sup>2</sup>	1.0	1.0	1.0
Optional - Gypsum Skim Coat Technogips Pro SATEN		kg	0.9	0.9	0.9
Optional - Drywall Screw TEX Technogips Pro 4.2 x 13 mm		pcs	2.0	2.0	2.0

- Peripheral profiles are mounted with Ceiling anchors with stud spacing at 400 mm.
- All vertical CW profiles are free-standing with stud spacing of 600, 400 or 300 mm, with no mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 500 mm on first layer and at 250 mm on second layer.
- For walls more than 12 m long, vertical expansion joints have to be planned along the length.
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m<sup>2</sup>, without losses and wastes.

### QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis.

The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. The Fire Resistance Class applies to both sides of the shaft wall, both on the side of the room and on the side of the hidden cavity (steel load-bearing structure).

In case of fire it guarantees an evacuation time of 45 minutes.

To ensure quality, **security and safety essential is:**

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
S1-2 Shaft Fire Wall 45.1		EI 45	1x2 Type DF 12.5 mm*	optional

\*Class of fire resistance EI 45 is valid when using gypsum plasterboards Type DF or DFH2 with a minimum thickness of 12.5 mm..

# Shaft Walls and Wall Linings

## Technogips Pro S1-2, Shaft Fire Wall 60.2

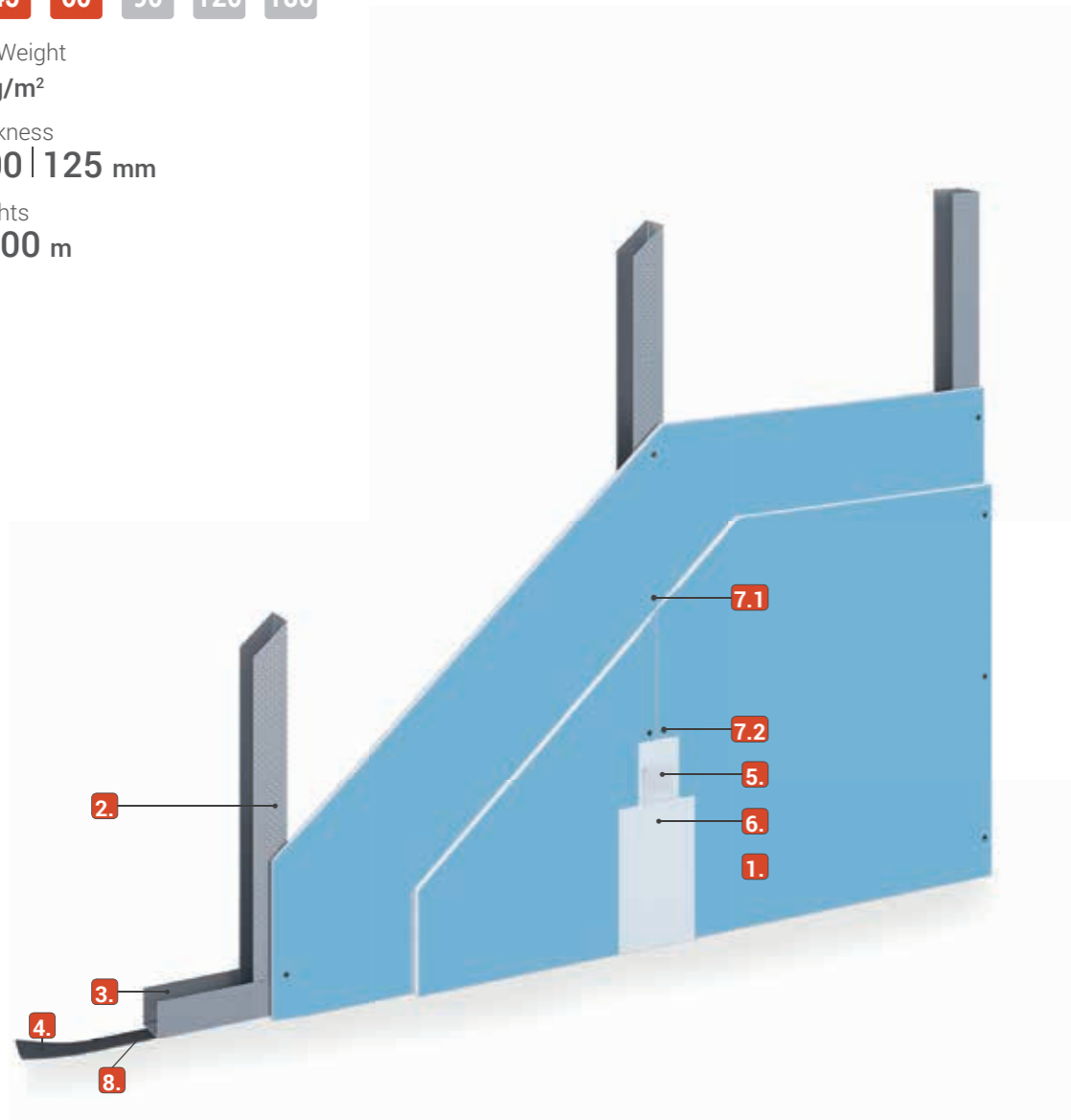
Technogips Pro S1-2, Shaft Fire Wall 60.2 is constructed with Premium Profile Technogips Pro CW/UW, 0.6 mm metal thickness, and two layers, one-sided, of Technogips Pro BlueBoard 12.5 mm. Meets the fire resistance requirements for **60 minutes**.



Wall Self-Weight  
~25 kg/m<sup>2</sup>

Wall Thickness  
75 | 100 | 125 mm

Wall Heights  
up to 4.00 m



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
S1-2 Shaft Fire Wall 60.2		EI 60	1x2 Type GM-FH1-IR 12.5 mm*	optional

\*Class of fire resistance EI 60 is valid when using gypsum plasterboards Type GM-FH1-IR with a minimum thickness of 12.5 mm.

## SPECIFICATION

Material consumption per 1 m <sup>2</sup>			Stud spacing [mm]		
			600	400	300
1.	Plasterboard Technogips Pro BlueBoard type GM-FH1-IR 12.5 mm	m <sup>2</sup>	2.0	2.0	2.0
2.	Premium Profile CW 50, 75, 100 / 0.6 mm	m'	2.0	3.0	4.0
3.	Premium Profile UW 50, 75, 100 / 0.6 mm	m'	0.7	0.7	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	1.2	1.2	1.2
5.	Joint tape @ all last layers joints + peripheral ones	m'	3.0	3.0	3.0
6.	Gypsum Joint Filler FUGA @ all layers	kg	0.6	0.6	0.6
7.1	Drywall screw 3.5 x 25 mm @ 500 mm	pcs	8.0	9.0	15.0
7.2	Drywall screw 3.5 x 35 mm @ 250 mm	pcs	15.0	23.0	30.0
8.	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	1.6	1.6	1.6
Optional - Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>		m <sup>2</sup>	1.0	1.0	1.0
Optional - Gypsum Skim Coat Technogips Pro SATEN		kg	0.9	0.9	0.9
Optional - Drywall Screw TEX Technogips Pro 4.2 x 13 mm		pcs	2.0	2.0	2.0

- Peripheral profiles are mounted with Ceiling anchors with stud spacing at 400 mm.
- All vertical CW profiles are free-standing with stud spacing of 600, 400 or 300 mm, with no mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 500 mm on first layer and at 250 mm on second layer.
- For walls more than 12 m long, vertical expansion joints have to be planned along the length.
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m<sup>2</sup>, without losses and wastes.

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. The Fire Resistance Class applies to both sides of the shaft wall, both on the side of the room and on the side of the hidden cavity (steel load-bearing structure).

In case of fire it guarantees an evacuation time of 60 minutes.

To ensure **quality, security and safety** essential is:

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

## Shaft Walls and Wall Linings

### Technogips Pro S1-2, Shaft Fire Wall 60.3

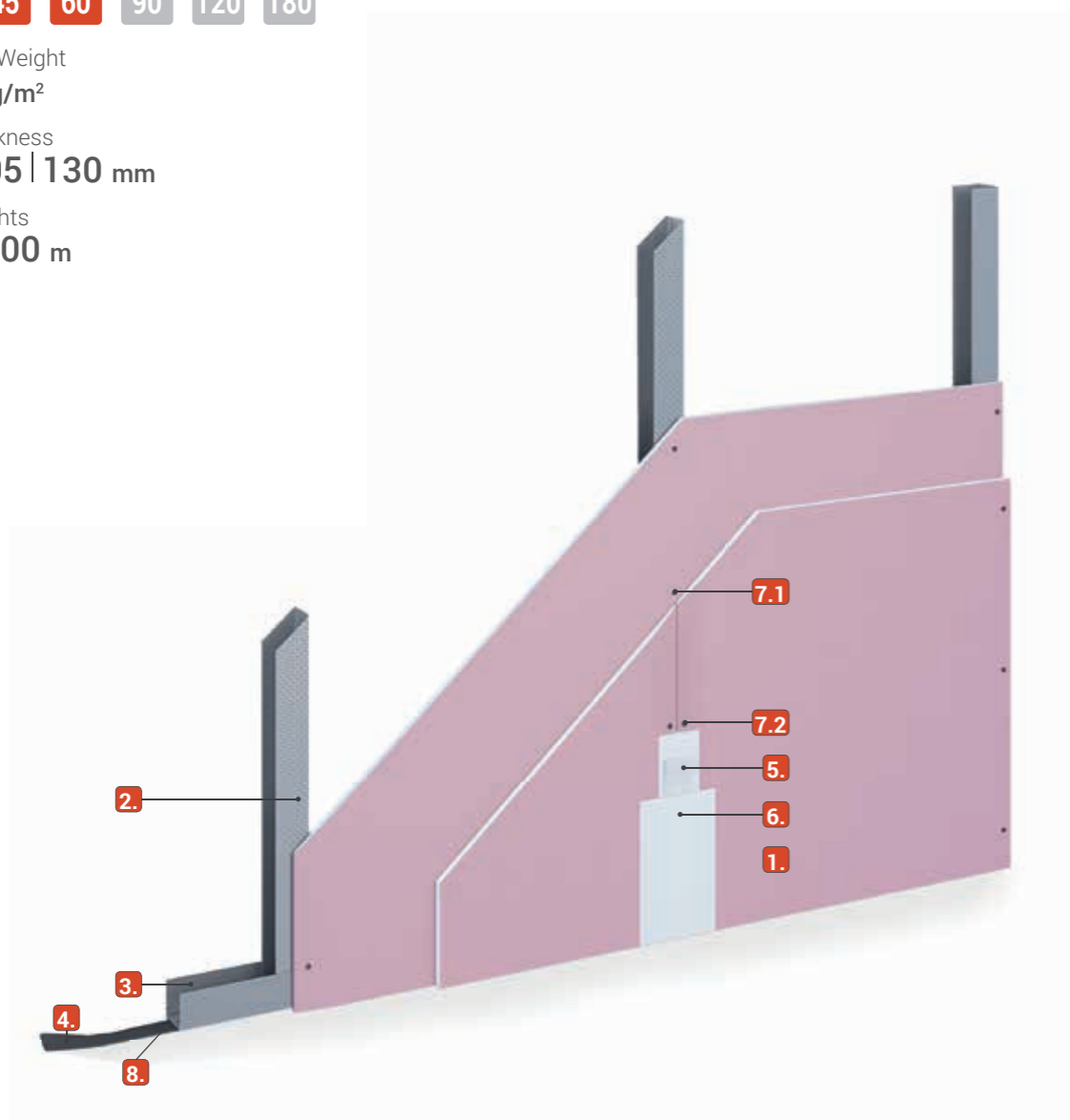
Technogips Pro S1-2, Shaft Fire Wall 60.3 is constructed with Premium Profile Technogips Pro CW/UW, 0.6 mm metal thickness, and two layers, one-sided, of Technogips Pro Gypsum Plasterboard Type DF 15 mm. Meets the fire resistance requirements for **60 minutes**.

30 45 60 90 120 180

Wall Self-Weight  
 ~30 kg/m<sup>2</sup>

Wall Thickness  
 80 | 105 | 130 mm

Wall Heights  
 up to 4.00 m



### SPECIFICATION

Material consumption per 1 m <sup>2</sup>		Stud spacing [mm]			
		600	400	300	
1.	Gypsum Plasterboard Type DF 15 mm *	m <sup>2</sup>	2.0	2.0	2.0
2.	Premium Profile CW 50, 75, 100 / 0.6 mm	m'	2.0	3.0	4.0
3.	Premium Profile UW 50, 75, 100 / 0.6 mm	m'	0.7	0.7	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	1.2	1.2	1.2
5.	Joint tape @ all last layers joints + peripheral ones	m'	3.0	3.0	3.0
6.	Gypsum Joint Filler FUGA @ all layers	kg	0.6	0.6	0.6
7.1	Drywall screw 3.5 x 25 mm @ 500 mm	pcs	8.0	9.0	15.0
7.2	Drywall screw 3.5 x 45 mm @ 250 mm	pcs	15.0	23.0	30.0
8.	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	1.6	1.6	1.6
Optional - Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>		m <sup>2</sup>	1.0	1.0	1.0
Optional - Gypsum Skim Coat Technogips Pro SATEN		kg	0.9	0.9	0.9
Optional - Drywall Screw TEX Technogips Pro 4.2 x 13 mm		pcs	2.0	2.0	2.0

- Peripheral profiles are mounted with Ceiling anchors with stud spacing at 400 mm.
- All vertical CW profiles are free-standing with stud spacing of 600, 400 or 300 mm, with no mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 500 mm on first layer and at 250 mm on second layer.
- For walls more than 12 m long, vertical expansion joints have to be planned along the length.
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m<sup>2</sup>, without losses and wastes.

### QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. The Fire Resistance Class applies to both sides of the shaft wall, both on the side of the room and on the side of the hidden cavity (steel load-bearing structure).

In case of fire it guarantees an evacuation time of 60 minutes.

To ensure quality, **security and safety essential is:**

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
S1-2 Shaft Fire Wall 60.3		EI 60	1x2 Type DF 15 mm*	optional

\*Class of fire resistance EI 60 is valid when using gypsum plasterboards Type DF or DFH2 with a minimum thickness of 15 mm..

## Shaft Walls and Wall Linings

### Technogips Pro S2-3, Shaft Fire Wall 90.1

Technogips Pro S2-3, Shaft Fire Wall 90.1 is constructed with paired Premium Profiles Technogips Pro CW/UW, 0.6 mm metal thickness, two layers of Technogips Pro Gypsum Plasterboard Type DF 12.5 mm and one layer of Technogips Pro Gypsum Plasterboard Type DF 15 mm. The inside of the wall is filled with stone wool.

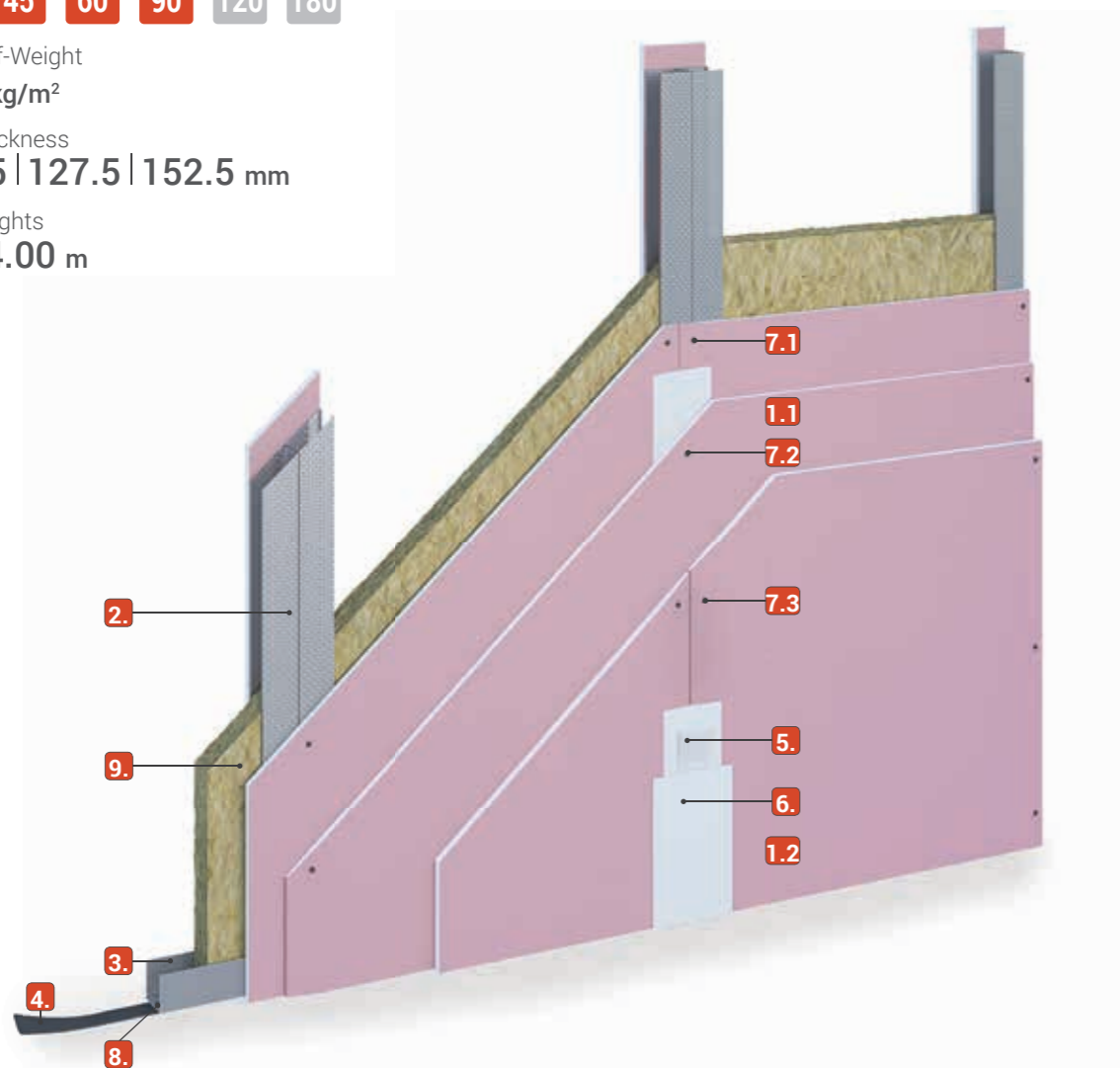
Meets the fire resistance requirements for **90 minutes**.



Wall Self-Weight  
~40 kg/m<sup>2</sup>

Wall Thickness  
102.5 | 127.5 | 152.5 mm

Wall Heights  
up to 4.00 m



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
S2-3 Shaft Fire Wall 90.1		EI 90	1x3 2 x Type DF 12.5 mm* + 1 x Type DF 15 mm*	Stone wool

\*Class of fire resistance EI 90 is valid when using gypsum plasterboards Type DF or DFH2 with a minimum thickness of 12.5 mm for two layers and Type DF or DFH2 with a minimum thickness of 15 mm for one layer.

### SPECIFICATION

Material consumption per 1 m <sup>2</sup>		Stud spacing [mm]		
		600	300	
1.1	Gypsum Plasterboard Type DF 12.5 mm *	m <sup>2</sup>	2.3	2.5
1.2	Gypsum Plasterboard Type DF 15 mm *	m <sup>2</sup>	1.0	1.0
2.	Premium Profile CW 50, 75, 100 / 0.6 mm	m'	4.0	8.0
3.	Premium Profile UW 50, 75, 100 / 0.6 mm	m'	0.7	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	1.2	1.2
5.	Joint tape @ all last layers joints + peripheral ones	m'	4.5	4.5
6.	Gypsum Joint Filler FUGA @ all layers	kg	0.9	0.9
7.1	Drywall screw 3.5 x 25 mm @ 500 mm	pcs	8.0	15.0
7.2	Drywall screw 3.5 x 45 mm @ 250 mm	pcs	8.0	15.0
7.3	Drywall screw 3.5 x 55 mm @ 250 mm	pcs	15.0	30.0
7.6	Drywall screw, копче 4.2 x 13 mm	pcs	4.0	8.0
8.	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	1.6	1.6
9.	Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>	m <sup>2</sup>	1.0	1.0
Optional - Gypsum Skim Coat Technogips Pro SATEN		kg	0.9	0.9

- Peripheral profiles are mounted with Ceiling anchors with stud spacing at 400 mm.
- All vertical CW profiles are free-standing with stud spacing of 600, 400 or 300 mm, with no mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 500 mm on first layer, at 500 mm on second layer and at 250 mm on third layer.
- For walls more than 12 m long, vertical expansion joints have to be planned along the length.
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m<sup>2</sup>, without losses and wastes.

### QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis.

The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. The Fire Resistance Class applies to both sides of the shaft wall, both on the side of the room and on the side of the hidden cavity (steel load-bearing structure).

In case of fire it guarantees an evacuation time of 90 minutes.

To ensure **quality, security and safety** essential is:

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

## Shaft Walls and Wall Linings

### Technogips Pro S1-3, Shaft Fire Wall 90.2

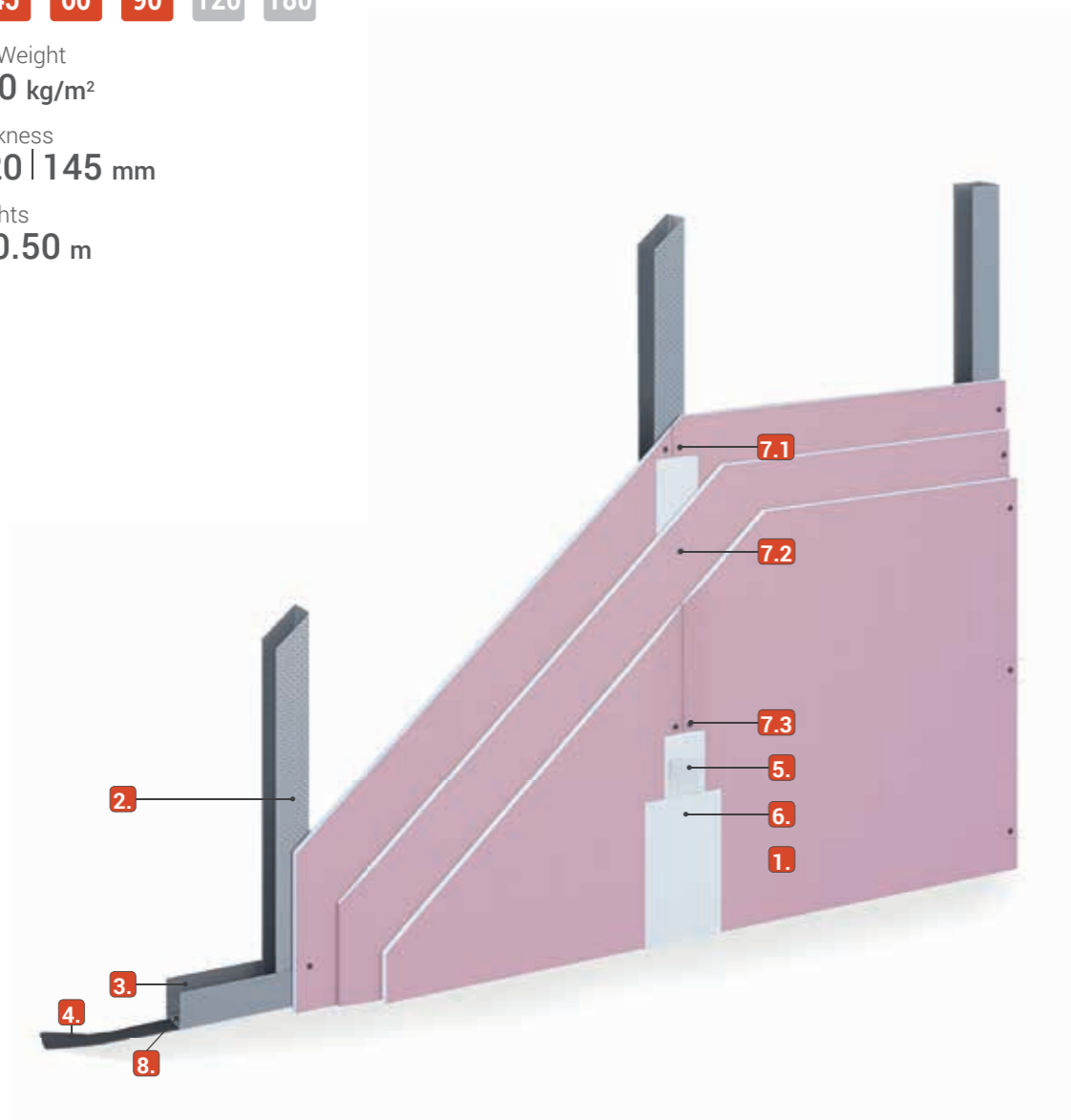
Technogips Pro S1-3, Shaft Fire Wall 90.2 is constructed with Premium Profile Technogips Pro CW/UW, 0.6 mm metal thickness, and three layers, one-sided, of Technogips Pro Gypsum Plasterboard Type DF 15 mm. Meets the fire resistance requirements for **90 minutes**.



Wall Self-Weight  
~42.50 kg/m<sup>2</sup>

Wall Thickness  
92 | 120 | 145 mm

Wall Heights  
up to 10.50 m



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
S1-3 Shaft Fire Wall 90.2		EI 90	1x3 Type DF 15 mm*	optional

\*Class of fire resistance EI 90 is valid when using gypsum plasterboards Type DF or DFH2 with a minimum thickness of 15 mm.

### SPECIFICATION

Material consumption per 1 m <sup>2</sup>		Stud spacing [mm]			
		600	400	300	
1.	Gypsum Plasterboard Type DF 15 mm *	m <sup>2</sup>	3.0	3.0	3.0
2.	Premium Profile CW 50, 75, 100 / 0.6 mm	m'	2.0	3.0	4.0
3.	Premium Profile UW 50, 75, 100 / 0.6 mm	m'	0.7	0.7	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	1.2	1.2	1.2
5.	Joint tape @ all last layers joints + peripheral ones	m'	4.5	4.5	4.5
6.	Gypsum Joint Filler FUGA @ all layers	kg	0.9	0.9	0.9
7.1	Drywall screw 3.5 x 25 mm @ 500 mm	pcs	8.0	9.0	15.0
7.2	Drywall screw 3.5 x 45 mm @ 500 mm	pcs	8.0	9.0	15.0
7.3	Drywall screw 3.5 x 55 mm @ 250 mm	pcs	15.0	23.0	30.0
8.	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	1.6	1.6	1.6
Optional - Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>		m <sup>2</sup>	1.0	1.0	1.0
Optional - Gypsum Skim Coat Technogips Pro SATEN		kg	0.9	0.9	0.9
Optional - Drywall Screw TEX Technogips Pro 4.2 x 13 mm		pcs	2.0	2.0	2.0

- Peripheral profiles are mounted with Ceiling anchors with stud spacing at 400 mm.
- All vertical CW profiles are free-standing with stud spacing of 600, 400 or 300 mm, with no mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 500 mm on first layer, at 500 mm on second layer and at 250 mm on third layer.
- For walls longer more than 12 m, vertical expansion joints need to be planned along the length.
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m<sup>2</sup>, without losses and wastes.

### QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. The Fire Resistance Class applies to both sides of the shaft wall, both on the side of the room and on the side of the hidden cavity (steel load-bearing structure).

In case of fire it guarantees an evacuation time of 90 minutes.

To ensure **quality, security and safety** essential is:

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

## Shaft Walls and Wall Linings

### Technogips Pro S1-4, Shaft Fire Wall 120.1

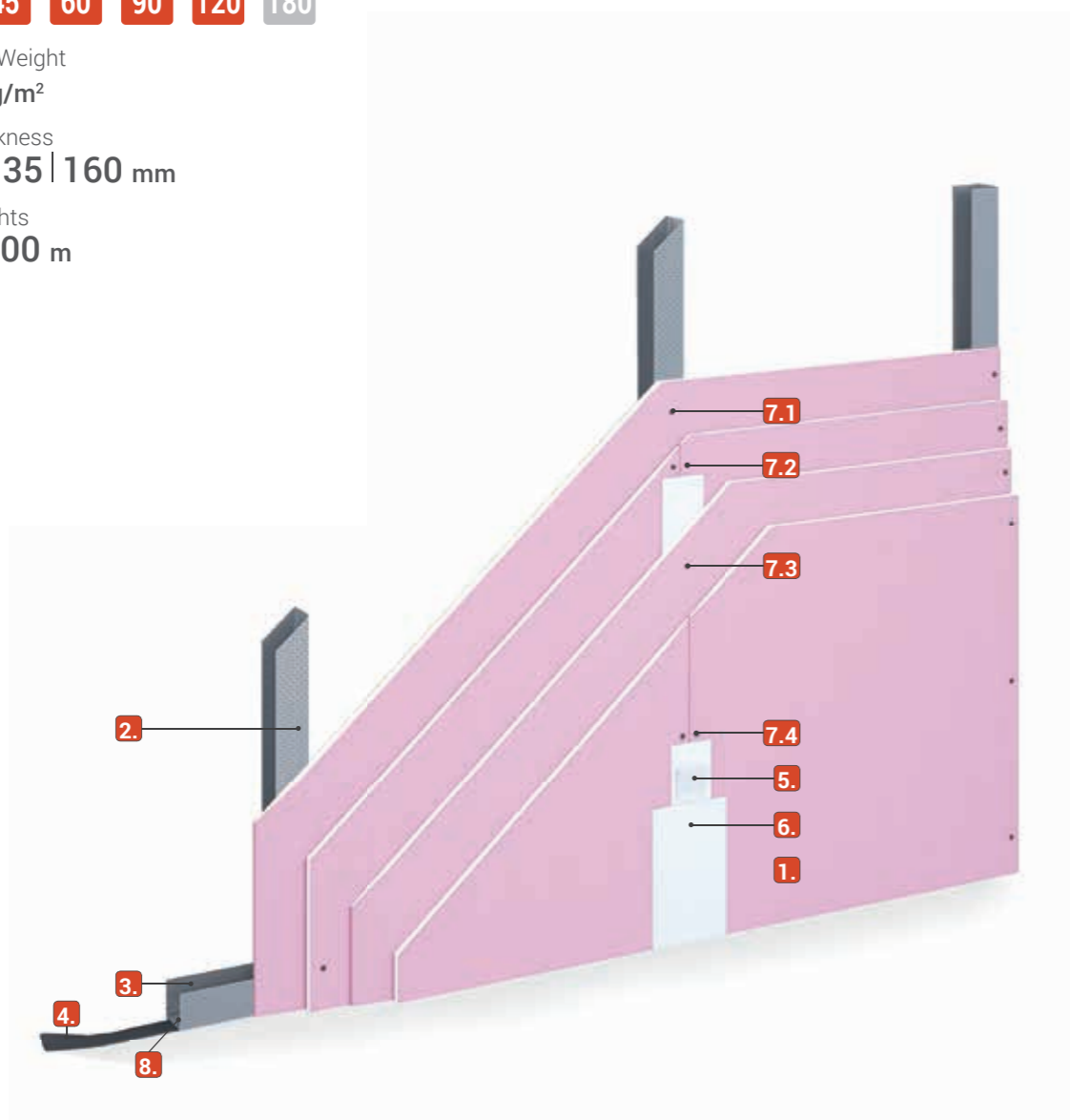
Technogips Pro S1-4, Shaft Fire Wall 120.1 is constructed with Premium Profile Technogips Pro CW/UW, 0.6 mm metal thickness, and four layers, one-sided, of Technogips Pro Gypsum Plasterboard Type DF 15 mm. Meets the fire resistance requirements for **120 minutes**.

30 45 60 90 120 180

Wall Self-Weight  
 ~55 kg/m<sup>2</sup>

Wall Thickness  
 110 | 135 | 160 mm

Wall Heights  
 up to 4.00 m



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
S1-4 Shaft Fire Wall 120.1		EI 120	1x4 Type DF 15 mm*	optional

\*Class of fire resistance EI 120 is valid when using gypsum plasterboards Type DF or DFH2 with a minimum thickness of 15 mm.

### SPECIFICATION

Material consumption per 1 m <sup>2</sup>		Stud spacing [mm]		
		400	300	
1.	Gypsum Plasterboard Type DF 15 mm *	m <sup>2</sup>	4.0	4.0
2.	Premium Profile CW 50, 75, 100 / 0.6 mm	m'	3.0	4.0
3.	Premium Profile UW 50, 75, 100/ 0.6 mm	m'	0.7	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	1.2	1.2
5.	Joint tape @ all last layers joints + peripheral ones	m'	1.5	1.5
6.	Gypsum Joint Filler FUGA @ all layers	kg	1.2	1.2
7.1	Drywall screw 3.5 x 25 mm @ 500 mm	pcs	9.0	15.0
7.2	Drywall screw 3.5 x 45 mm @ 500 mm	pcs	9.0	15.0
7.3	Drywall screw 3.5 x 55 mm @ 500 mm	pcs	9.0	15.0
7.4	Drywall screw 3.5 x 70 mm @ 250 mm	pcs	23.0	30.0
8.	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	1.6	1.6
Optional - Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>		m <sup>2</sup>	1.0	1.0
Optional - Gypsum Skim Coat Technogips Pro SATEN		kg	0.9	0.9
Optional - Drywall Screw TEX Technogips Pro 4.2 x 13 mm		pcs	2.0	2.0

- Peripheral profiles are mounted with Ceiling anchors with stud spacing at 400 mm.
- All vertical CW profiles are free-standing with stud spacing of 600, 400 or 300 mm, with no mechanical fixing at the top.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 500 mm on first layer, at 500 mm on second, 500 mm on third layer and at 250 mm on fourth layer.
- For walls more than 12 m long, vertical expansion joints have to be planned along the length.
- The consumption quantities are calculated for a straight wall, without openings and curves, with surface area of 10.8 m<sup>2</sup>, without losses and wastes.

### QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. The Fire Resistance Class applies to both sides of the shaft wall, both on the side of the room and on the side of the hidden cavity (steel load-bearing structure).

In case of fire it guarantees an evacuation time of 120 minutes.

To ensure **quality, security and safety** essential is:

- ✓ Using the full set of Technogips Pro system components.
- ✓ Following the technical requirements for proper installation.

# Suspended Ceilings

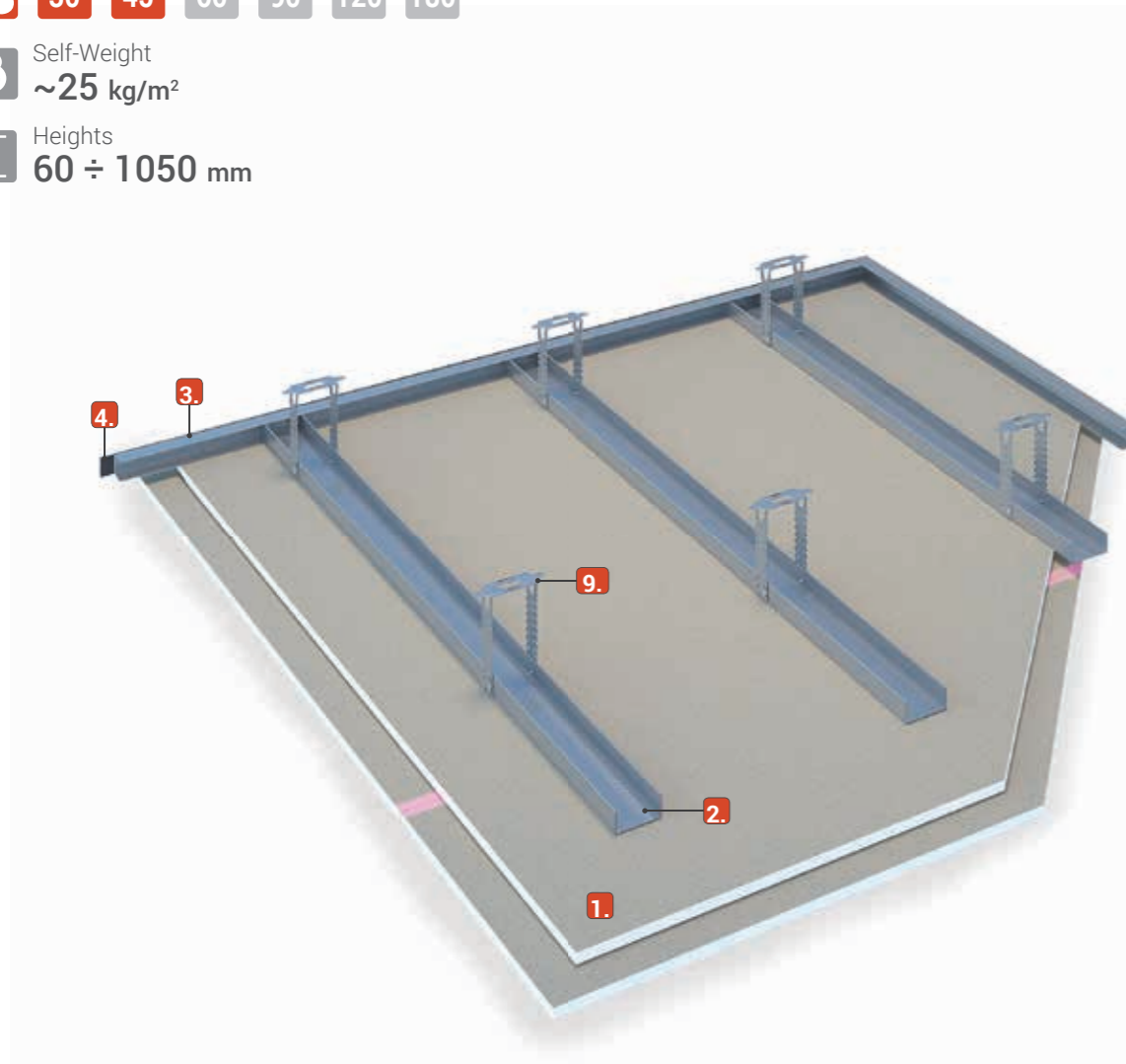
## Technogips Pro C1-2, Fire Ceiling 45.1

Technogips Pro C1-2, Fire Ceiling 45.1 is installed on single construction of Premium Profiles Technogips Pro CD/UD, 0.6 mm metal thickness, and two layers of Technogips Pro Gypsum Plasterboard Type DF 12.5 mm. Meets the fire resistance requirements for **45 minutes**.



Self-Weight  
~25 kg/m<sup>2</sup>

Heights  
60 ÷ 1050 mm



## SPECIFICATION

Material consumption per 1 m <sup>2</sup>		2x Type DF 12.5 mm*
1.	Gypsum Plasterboard Type DF 12.5 mm *	m <sup>2</sup> 2.0
2.	Premium Profile CD 60 / 0.6 mm (internal)	m' 3.1
3.	Premium Profile UD 27 / 0.6 mm (peripheral)	m' 0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m' 0.7
5.	Joint tape @ all last layers joints + peripheral ones	m' 3.0
6.	Gypsum Joint Filler FUGA @ all layers	kg 0.6
7.1	Drywall screw 3.5 x 25 mm @ 250 mm	pcs 20.0
7.2	Drywall screw 3.5 x 35 mm @ 250 mm	pcs 20.0
8.1	Nail plug 6 x 40, 60 mm @ 500 mm	pcs 1.4
8.2	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs 3.5
9.	Adjusting Hracket or Nonius Hanger (load-bearing capacity 0.40 kN)	pcs 3.5
10.	CD crosswise one-side connector 0.8 mm	pcs 1.0
11.	Drywall Screw TEX Technogips Pro 4.2 x 13 mm	pcs 9.0
12.	CD longitudinal connector 0.5 mm	pcs 1.0
Optional - Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>		m <sup>2</sup> 1.0
Optional - Gypsum Skim Coat Technogips Pro SATEN		kg 0.9

- Peripheral UD profiles are mounted with anchors at 400 mm.
- All CD profiles are placed at 400 mm distance from each other, inserted into UD profiles and free-standing, with no mechanical fixing.
- To connect CD profiles, CD longitudinal connector is recommended, in longitudinal direction, or CD crosswise one-side connector in transverse direction.
- Hangers are mounted at maximum axial distance of 800 mm, with ceiling anchors or other suitable fixing, depending on the supporting structure above.
- Gypsum plasterboards are mounted transversely on the CD profiles.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 400 mm on first layer and at 200 mm on second layer.
- For ceilings more than 12 m long, expansion joints have to be planned.
- The consumption quantities are calculated for a straight ceiling, without openings and curves, with surface area of 12 m<sup>2</sup> without losses and wastes.

System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
C1-2 Fire Ceiling 45.1		EI 45	2x Type DF 12.5 mm*	optional

\*Class of fire resistance EI 45 is valid when using gypsum plasterboards Type DF or DFH2 with a minimum thickness of 12.5 mm.

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 45 minutes.

To ensure **quality, security and safety** essential is:

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

# Suspended Ceilings

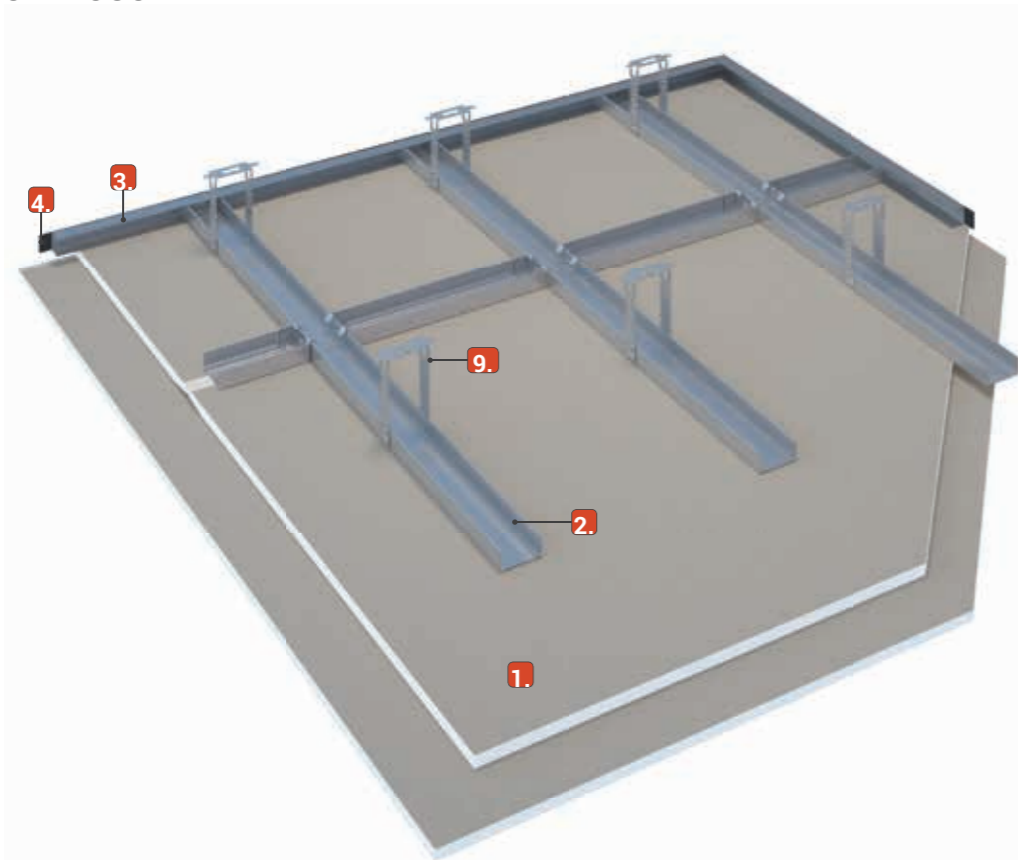
## Technogips Pro C1-2, Fire Ceiling 45.2

Technogips Pro C1-2, Fire Ceiling 45.1 is installed on single construction of Premium Profiles Technogips Pro CD/UD, 0.6 mm metal thickness, and two layers of Technogips Pro Gypsum Plasterboard Type A 12.5 mm. Meets the fire resistance requirements for **45 minutes**.



Self-weight  
~25 kg/m<sup>2</sup>

Heights  
up to 60 ÷ 1050 mm



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
C1-2 Fire Ceiling 45.1		EI 45	2x Type A 12.5 mm*	optional

\*Class of fire resistance EI 45 is valid when using gypsum plasterboards Type A, H2, DF or DFH2 with a minimum thickness of 12.5 mm.

## SPECIFICATION

Material consumption per 1 m <sup>2</sup>			2x тип А 12.5 мм*
1.	Gypsum Plasterboard Type A 12.5 mm *	m <sup>2</sup>	2.0
2.	Premium Profile CD 60 / 0.6 mm (internal)	m'	3.1
3.	Premium Profile UD 27 / 0.6 mm (peripheral)	m'	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	0.7
5.	Joint tape @ all last layers joints + peripheral ones	m'	3.0
6.	Gypsum Joint Filler FUGA @ all layers	kg	0.6
7.1	Drywall screw 3.5 x 25 mm @ 250 mm	pcs	10.0
7.2	Drywall screw 3.5 x 35 mm @ 250 mm	pcs	20.0
8.1	Nail plug 6 x 40, 60 mm @ 500 mm	pcs	1.4
8.2	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	3.5
9.	Adjusting Hracket or Nonius Hanger (load-bearing capacity 0.40 kN)	pcs	3.5
10.	CD crosswise one-side connector 0.8 mm	pcs	1.0
11.	Drywall screw, копче 4.2 x 13 mm	pcs	9.0
12.	CD longitudinal connector 0.5 mm	pcs	1.0
Optional - Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>		m <sup>2</sup>	1.0
Optional - Gypsum Skim Coat Technogips Pro SATEN		kg	0.9

- Peripheral UD profiles are mounted with nail plugs/anchors at 400 mm.
- All CD profiles are placed at 400 mm distance from each other, inserted into UD profiles and free-standing, with no mechanical fixing.
- To connect CD profiles, CD longitudinal connector is recommended, in longitudinal direction, or CD crosswise one-side connector, in transverse direction.
- Hangers are mounted at maximum axial distance of 800 mm, with ceiling anchors or other suitable fixing, depending on the supporting structure above.
- Gypsum plasterboards are mounted transversely on the CD profiles
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 400 mm on first layer and at 200 mm on second layer.
- For ceilings more than 12 m long, expansion joints have to be planned.
- The consumption quantities are calculated for a straight ceiling, without openings and curves, with surface area of 12 m<sup>2</sup>, without losses and wastes.

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 45 minutes.

To ensure **quality, security and safety** essential is:

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

# Suspended Ceilings

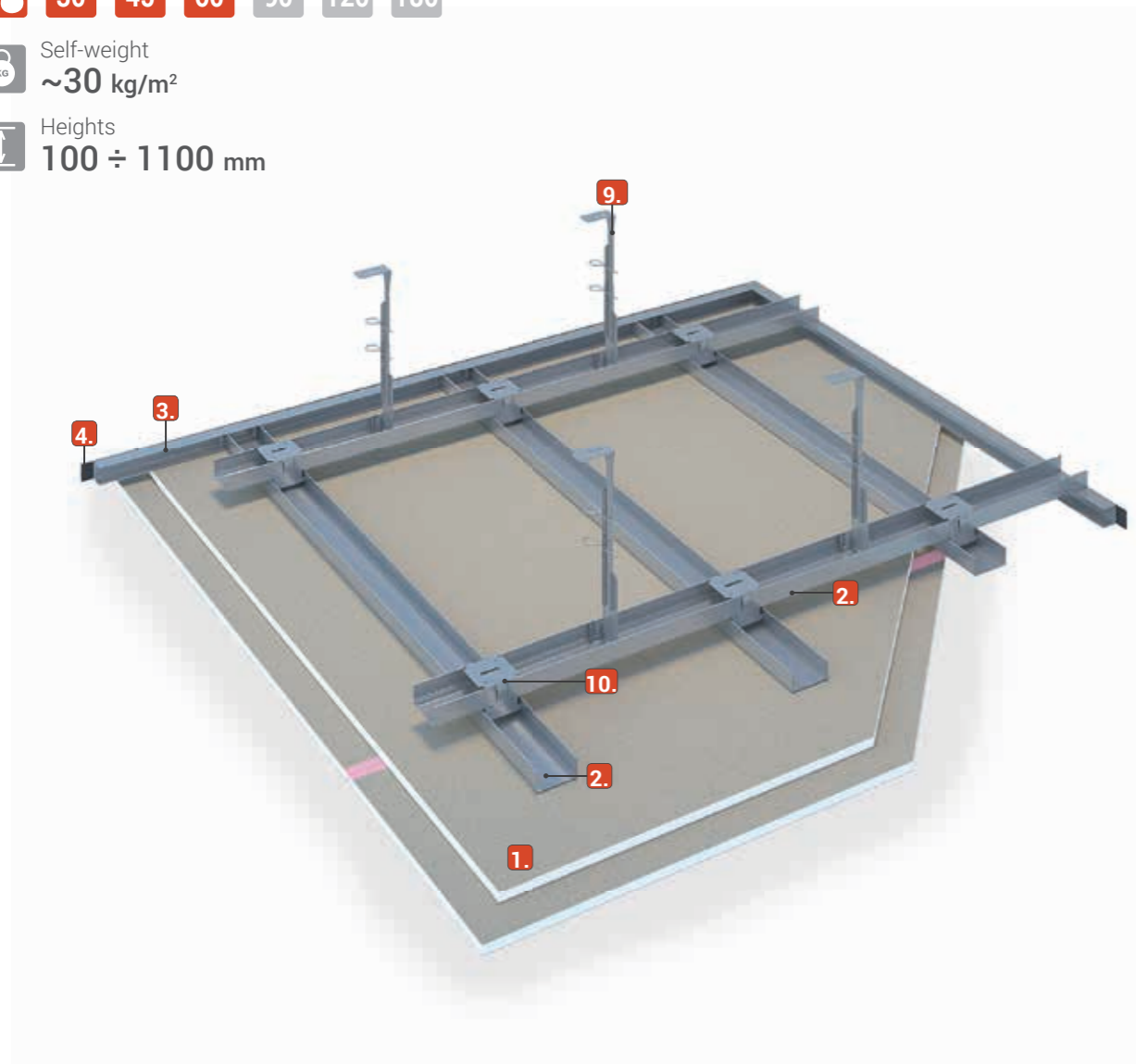
## Technogips Pro C2-2, Fire Ceiling 60.1

Technogips Pro C2-2, Fire Ceiling 60.1 is installed on double construction of Premium Profiles Technogips Pro CD/UD, 0.6 mm metal thickness, and two layers of Technogips Pro Gypsum Plasterboard Type DF 15 mm. Meets the fire resistance requirements for **60 minutes**.



Self-weight  
~30 kg/m<sup>2</sup>

Heights  
100 ÷ 1100 mm



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
C2-2 Fire Ceiling 60.1		EI 60	2x Type DF 15 mm*	optional

\*Class of fire resistance EI 60 is valid when using gypsum plasterboards Type DF or DFH2 with a minimum thickness of 15 mm.

## SPECIFICATION

Material consumption per 1 m <sup>2</sup>			2x Type DF 15 mm*
1.	Gypsum Plasterboard Type DF 15 mm *	m <sup>2</sup>	2.0
2.	Premium Profile CD 60 / 0.6 mm (internal)	m'	4.0
3.	Premium Profile UD 27 / 0.6 mm (peripheral)	m'	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	0.7
5.	Joint tape @ all last layers joints + peripheral ones	m'	3.0
6.	Gypsum Joint Filler FUGA @ all layers	kg	0.6
7.1	Drywall screw 3.5 x 25 mm @ 250 mm	pcs	10.0
7.2	Drywall screw 3.5 x 45 mm @ 250 mm	pcs	20.0
8.1	Nail plug 6 x 40, 60 mm @ 500 mm	pcs	1.4
8.2	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	2.5
9.	Adjusting Hracket or Nonius Hanger (load-bearing capacity 0.40 kN)	pcs	2.5
10.	CD cross connector	pcs	3.5
11.	Drywall screw, копче 4.2 x 13 mm	pcs	9.0
12.	CD longitudinal connector 0.5 mm	pcs	1.0
	Optional - Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>	m <sup>2</sup>	1.0
	Optional - Gypsum Skim Coat Technogips Pro SATEN	kg	0.9

- Peripheral UD profiles are mounted with nail plugs/anchors at 400 mm.
- Upper level, main CD profiles are placed at distance of 700 mm from each other.
- Bottom level, supporting CD profiles are placed at 400 mm distance from each other, inserted into UD profiles and free-standing, with no mechanical fixing.
- Main and supporting CD profiles are connected with CD cross connector
- To lengthen CD profiles, CD longitudinal connector is recommended.
- Hangers are mounted at maximum axial distance of 600 mm, with ceiling anchors or other suitable fixing, depending on the supporting structure above.
- Gypsum plasterboards are mounted transversely on the supporting CD profiles.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 400 mm on first layer and at 200 mm on second layer.
- For ceilings more than 12 m long, expansion joints have to be planned.
- The consumption quantities are calculated for a straight ceiling, without openings and curves, with surface area of 12 m<sup>2</sup> without losses and wastes.

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 60 minutes.

To ensure **quality, security and safety** essential is:

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

# Suspended Ceilings

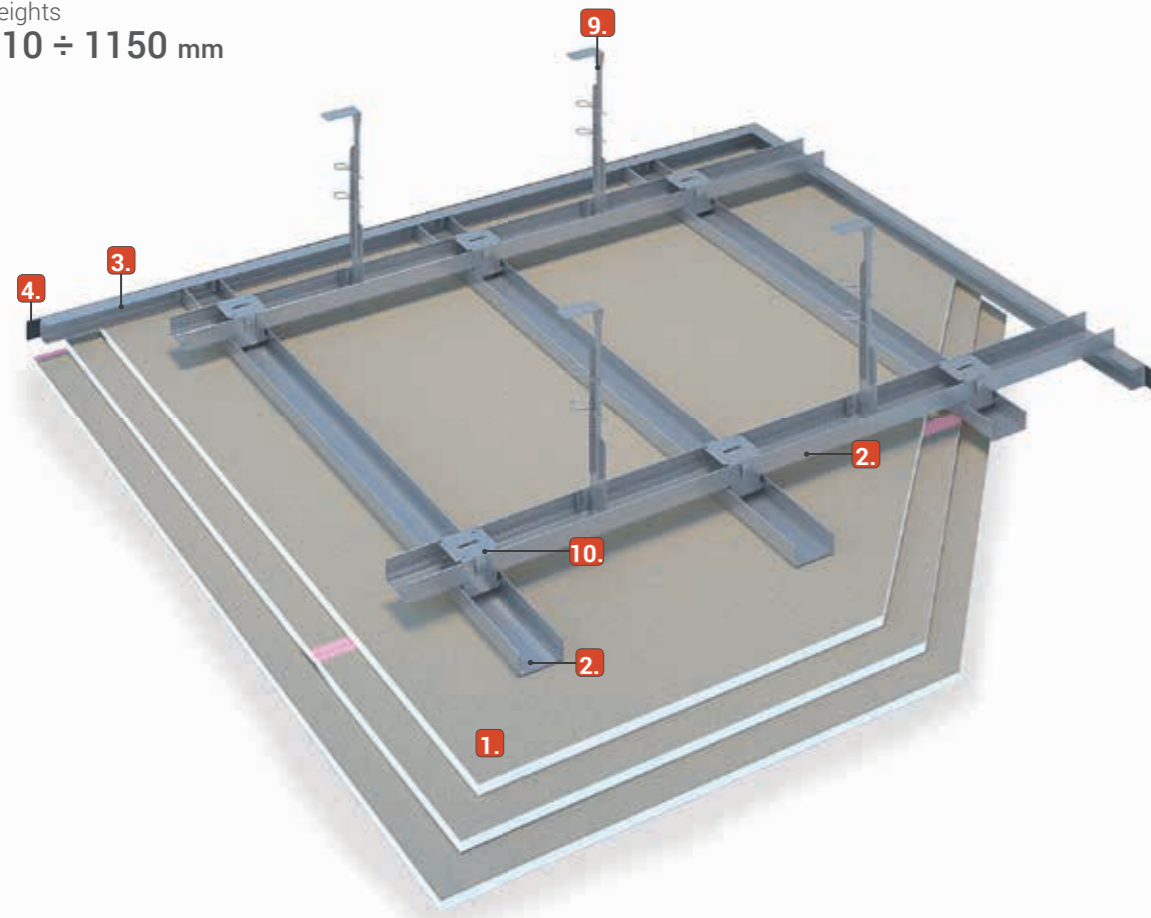
## Technogips Pro C2-3, Fire Ceiling 60.2

Technogips Pro C2-3, Fire Ceiling 60.2 is installed on double construction of Premium Profiles Technogips Pro CD/UD, 0.6 mm metal thickness, and three layers of Technogips Pro Gypsum Plasterboard Type DF 12.5 mm. Meets the fire resistance requirements for **60 minutes**.



Self-weight  
~35 kg/m<sup>2</sup>

Heights  
110 ÷ 1150 mm



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
C2-3 Fire Ceiling 60.2		EI 60	3x Type DF 12.5 mm*	optional

\*Class of fire resistance EI 60 is valid when using gypsum plasterboards Type DF or DFH2 with a minimum thickness of 12.5 mm.

## SPECIFICATION

Material consumption per 1 m <sup>2</sup>			3x Type DF 12.5 mm*
1.	Gypsum Plasterboard Type DF 12.5 mm *	m <sup>2</sup>	3.0
2.	Premium Profile CD 60 / 0.6 mm (internal)	m'	4.0
3.	Premium Profile UD 27 / 0.6 mm (peripheral)	m'	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	0.7
5.	Joint tape @ all last layers joints + peripheral ones	m'	4.5
6.	Gypsum Joint Filler FUGA @ all layers	kg	0.9
7.1	Drywall screw 3.5 x 25 mm @ 250 mm	pcs	10.0
7.2	Drywall screw 3.5 x 35 mm @ 250 mm	pcs	10.0
7.3	Drywall screw 3.5 x 45 mm @ 250 mm	pcs	20.0
8.1	Nail plug 6 x 40, 60 mm @ 500 mm	pcs	1.4
8.2	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	2.5
9.	Adjusting H Bracket or Nonius Hanger (load-bearing capacity 0.40 kN)	pcs	2.5
10.	CD cross connector	pcs	3.5
11.	Drywall screw, копче 4.2 x 13 mm	pcs	9.0
12.	CD longitudinal connector 0.5 mm	pcs	1.0
Optional - Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>		m <sup>2</sup>	1.0
Optional - Gypsum Skim Coat Technogips Pro SATEN		kg	0.9

- Peripheral UD profiles are mounted with nail plugs/anchors at 400 mm.
- Upper level, main CD profiles are placed at distance of 600 mm from each other.
- Bottom level, supporting CD profiles are placed at 400 mm distance from each other, inserted into UD profiles and free-standing, with no mechanical fixing.
- Main and supporting CD profiles are connected with CD cross connector..
- To lengthen CD profiles, CD longitudinal connector is recommended.
- Hangers are mounted at maximum axial distance of 600 mm, with ceiling anchors or other suitable fixing, depending on the supporting structure above.
- Gypsum plasterboards are mounted transversely on the supporting CD profiles
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 400 mm on first layer, at 300 mm on second layer and at 200 mm on third layer.
- For ceilings more than 12 m long, expansion joints have to be planned.
- The consumption quantities are calculated for a straight ceiling, without openings and curves, with surface area of 12 m<sup>2</sup> without losses and wastes..

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 60 minutes.

To ensure **quality, security and safety** essential is:

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

# Suspended Ceilings

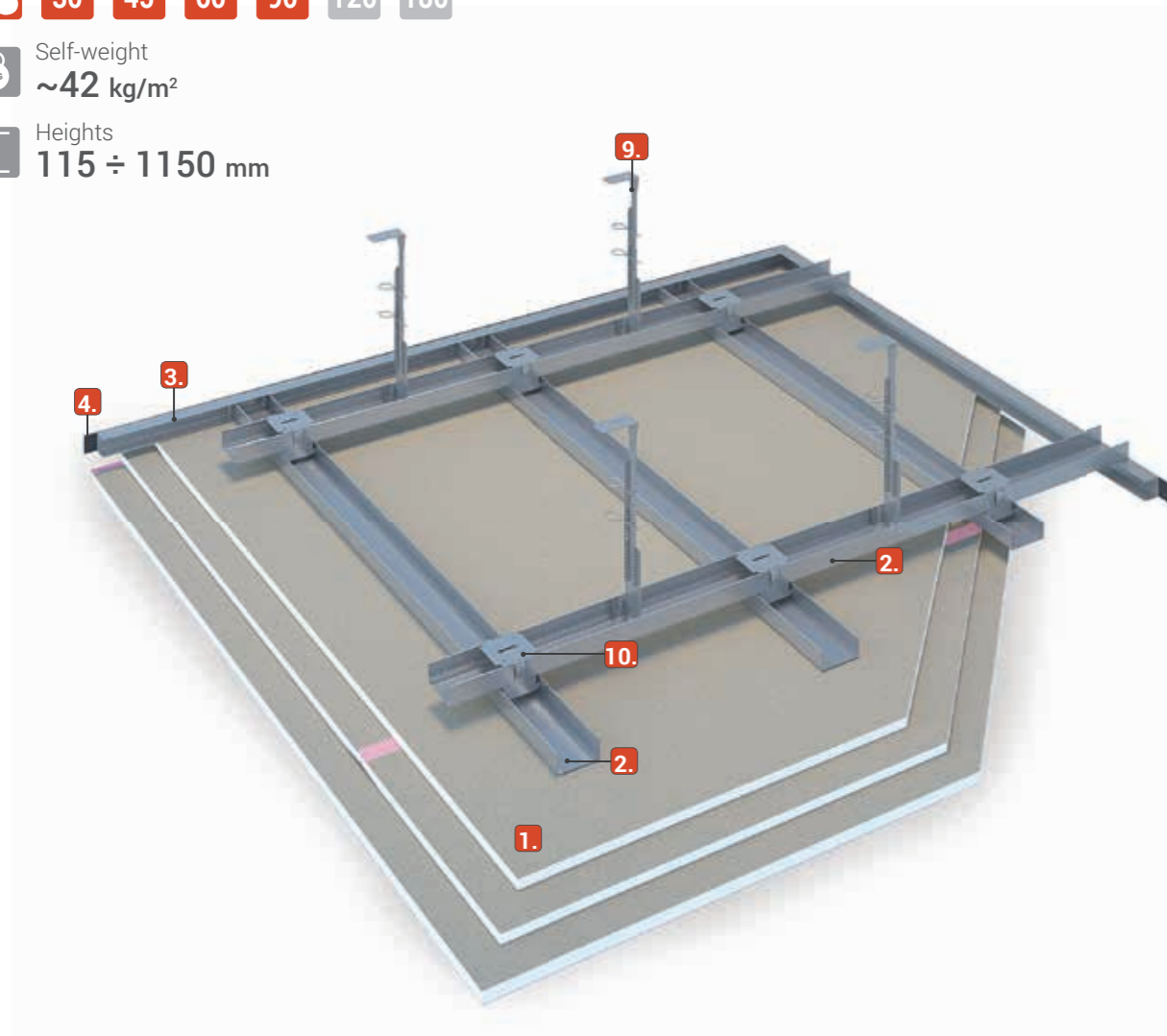
## Technogips Pro C2-3, Fire Ceiling 90.1

Technogips Pro C2-3, Fire Ceiling 90.1 is installed on double construction of Premium Profiles Technogips Pro CD/UD, 0.6 mm metal thickness, and three layers of Technogips Pro Gypsum Plasterboard Type DF 15 mm. Meets the fire resistance requirements for **90 minutes**.

30 45 60 90 120 180

Self-weight  
~42 kg/m<sup>2</sup>

Heights  
115 ÷ 1150 mm



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
C2-3 Fire Ceiling 90.1		EI 90	3x Type DF 15 mm*	optional

\*Class of fire resistance EI 90 is valid when using gypsum plasterboards Type DF or DFH2 with a minimum thickness of 15 mm.

## SPECIFICATION

Material consumption per 1 m <sup>2</sup>			3x Type DF 15 mm*
1.	Gypsum Plasterboard Type DF 15 mm *	m <sup>2</sup>	3.0
2.	Premium Profile CD 60 / 0.6 mm (internal)	m'	4.0
3.	Premium Profile UD 27 / 0.6 mm (peripheral)	m'	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	0.7
5.	Joint tape @ all last layers joints + peripheral ones	m'	4.5
6.	Gypsum Joint Filler FUGA @ all layers	kg	0.9
7.1	Drywall screw 3.5 x 25 mm @ 250 mm	pcs	10.0
7.2	Drywall screw 3.5 x 45 mm @ 250 mm	pcs	10.0
7.3	Drywall screw 3.5 x 55 mm @ 250 mm	pcs	20.0
8.1	Nail plug 6 x 40, 60 mm @ 500 mm	pcs	1.4
8.2	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	2.5
9.	Adjusting H Bracket or Nonius Hanger (load-bearing capacity 0.40 kN)	pcs	2.5
10.	CD cross connector	pcs	3.5
11.	Drywall Screw TEX Technogips Pro 4.2 x 13 mm	pcs	9.0
12.	CD longitudinal connector 0.5 mm	pcs	1.0
Optional - Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>		m <sup>2</sup>	1.0
Optional - Gypsum Skim Coat Technogips Pro SATEN		kg	0.9

- Peripheral UD profiles are mounted with nail plugs/anchors at 400 mm.
- Upper level, main CD profiles are placed at distance of 800 mm from each other.
- Bottom level, supporting CD profiles are placed at 400 mm distance from each other, inserted into UD profiles and free-standing, with no mechanical fixing.
- Main and supporting CD profiles are connected with CD cross connector.
- To lengthen CD profiles, CD longitudinal connector is recommended
- Hangers are mounted at maximum axial distance of 600 mm, with ceiling anchors or other suitable fixing, depending on the supporting structure above.
- Gypsum plasterboards are mounted transversely on the supporting CD profiles.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 400 mm on first layer, at 300 mm on second layer and at 200 mm on third layer.
- For ceilings more than 12 m long, expansion joints have to be planned.
- The consumption quantities are calculated for a straight ceiling, without openings and curves, with surface area of 12 m<sup>2</sup>, without losses and wastes

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 90 minutes.

To ensure **quality, security and safety** essential is:

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

# Suspended Ceilings

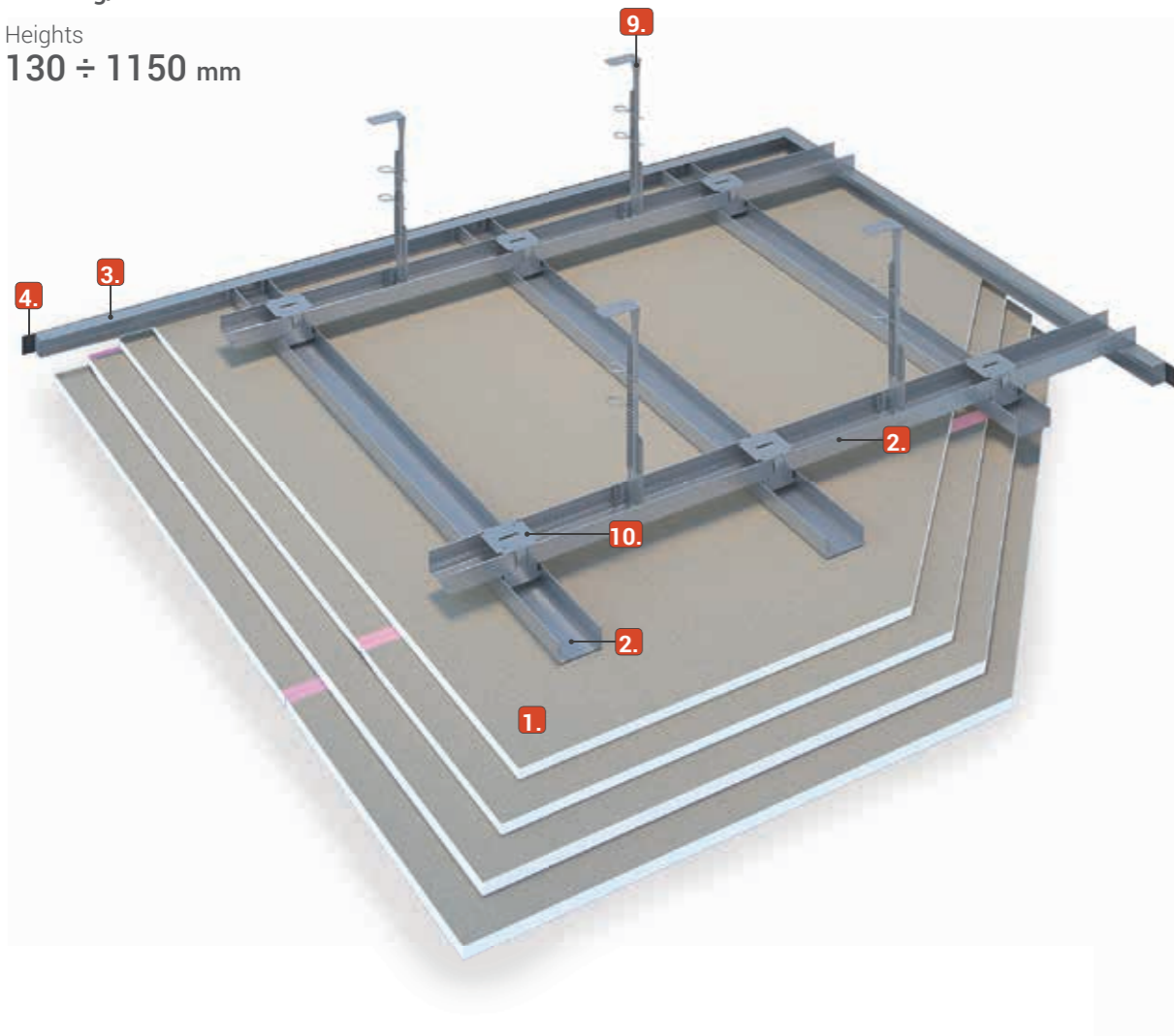
## Technogips Pro C2-4, Fire Ceiling 120.1

Technogips Pro C2-4, Fire Ceiling 120.1 is installed on double construction of Premium Profiles Technogips Pro CD/UD, 0.6 mm metal thickness, and four layers of Technogips Pro Gypsum Plasterboard Type DF 15 mm. Meets the fire resistance requirements for **120 minutes**.



Self-weight  
~55 kg/m<sup>2</sup>

Heights  
130 ÷ 1150 mm



System	Scheme	Class of Fire Resistance	Gypsum Plasterboard	Insulation
C2-4 Fire Ceiling 120.1		EI 120	4x Type DF 15 mm*	optional

\*Class of fire resistance EI 120 is valid when using gypsum plasterboards Type DF or DFH2 with a minimum thickness of 15 mm.

## SPECIFICATION

Material consumption per 1 m <sup>2</sup>			4x Type DF 15 mm*
1.	Gypsum Plasterboard Type DF 15 mm *	m <sup>2</sup>	4.0
2.	Premium Profile CD 60 / 0.6 mm (internal)	m'	4.0
3.	Premium Profile UD 27 / 0.6 mm (peripheral)	m'	0.7
4.	Acoustic Foam Tape @ the peripheral profiles	m'	0.7
5.	Joint tape @ all last layers joints + peripheral ones	m'	6.0
6.	Gypsum Joint Filler FUGA @ all layers	kg	1.2
7.1	Drywall screw 3.5 x 25 mm @ 250 mm	pcs	10.0
7.2	Drywall screw 3.5 x 45 mm @ 250 mm	pcs	10.0
7.3	Drywall screw 3.5 x 55 mm @ 250 mm	pcs	10.0
7.4	Drywall screw 4.2 x 70 mm @ 250 mm	pcs	20.0
8.1	Nail plug 6 x 40, 60 mm @ 500 mm	pcs	1.4
8.2	Ceiling Anchor 6 x 40, 60 mm @ 500 mm	pcs	2.5
9.	Adjusting Hracket or Nonius Hanger (load-bearing capacity 0.40 kN)	pcs	2.5
10.	CD cross connector	pcs	3.5
11.	Drywall Screw TEX Technogips Pro 4.2 x 13 mm	pcs	9.0
12.	CD longitudinal connector 0.5 mm	pcs	1.0
Optional - Stone wool, thickness > 50 mm, density > 40 kg/m <sup>3</sup>		m <sup>2</sup>	1.0
Optional - Gypsum Skim Coat Technogips Pro SATEN		kg	0.9

- Peripheral UD profiles are mounted with nail plugs/anchors at 400 mm.
- Upper level, main CD profiles are placed at distance of 600 mm from each other.
- Bottom level, supporting CD profiles are placed at 400 mm distance from each other, inserted into UD profiles and free-standing, with no mechanical fixing.
- Main and supporting CD profiles are connected with CD cross connector.
- To lengthen CD profiles, CD longitudinal connector is recommended.
- Hangers are mounted at maximum axial distance of 600 mm, with ceiling anchors or other suitable fixing, depending on the supporting structure above.
- Gypsum plasterboards are mounted transversely on the supporting CD profiles.
- All joints in the plane of a layer, as well as between two adjacent layers, are offset, so that they do not coincide.
- All joints are finished with gypsum joint filler Technogips Pro FUGA, and reinforced with joint tape.
- Drywall screws are mounted at 500 mm on first layer, at 400 mm on second layer, at 300 mm on third layer and at 200 mm on fourth layer.
- For ceilings more than 12 m long, expansion joints have to be planned.
- The consumption quantities are calculated for a straight ceiling, without openings and curves, with surface area of 12 m<sup>2</sup>, without losses and wastes..

## QUALITY, SECURITY AND SAFETY

All Technogips Pro system components exceed the requirements of the harmonized product standards and their quality is monitored on a daily basis. The complete system has been successfully tested in European accredited laboratories and certified in accordance with EN 13501-2. In case of fire it guarantees an evacuation time of 120 minutes.

To ensure **quality, security and safety** essential is:

- ✓ Using the full set of Technogips Pro system components
- ✓ Following the technical requirements for proper installation

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