WINS H-TEC FIRE PROTECTION PANEL

(Calcium Silicate)

WINS H-TEC FIRE PROTECTION PANEL

CONTENTS

WINS H-TEC FIRE PROTECTION PANEL

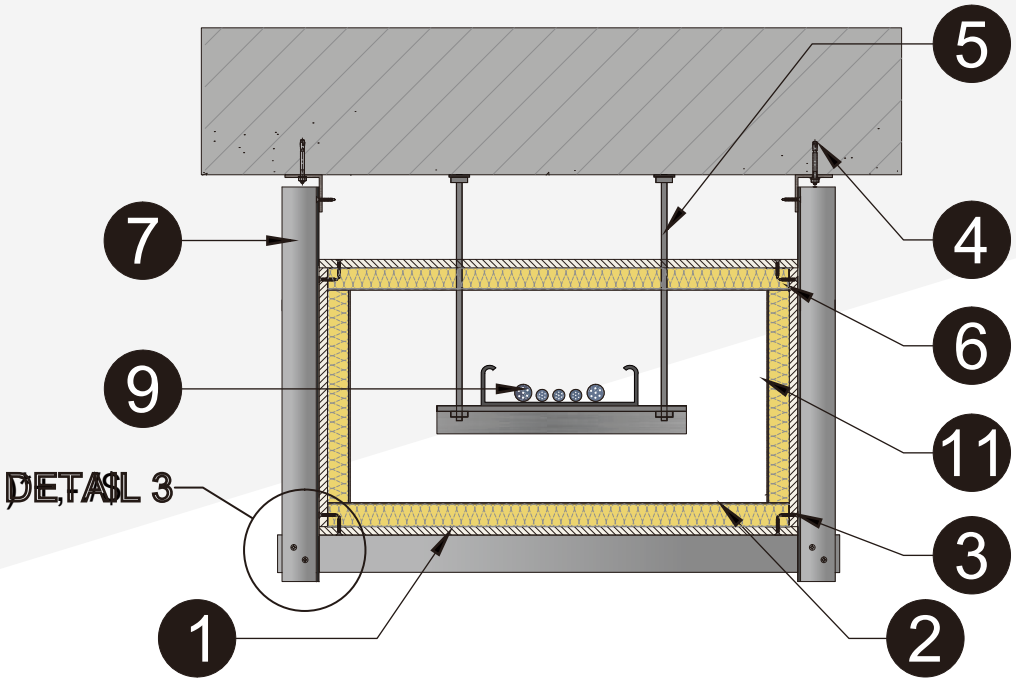
PHYSICAL AND MECHANICAL PROPERTIES

Test Description	Standard	Test Result
Increase in mass (water absorption) & thickness(swelling)	BS 5669: Part 1:1989, Clause 19	Water absorption: 34.99%;
Density	BS EN 1170-6:1998	1.05g/cm3
Resistance to impact	BS 5669:Part 1:1989, Clause 21	Class A
Moisture content	BS EN 772:1993	12.35%
Dimension	BS 5669:Part1:1989, Clause 8	Average thickness: 8.87mm
Surface condition	By direct measurement	No visible damage
Flexural strength	BS 2782:Part 10: Method	13.98MPa
Tensile strength and elongation at break of the Board	BS 2782:Part 10: Method 1003:1977	Tensile strength: 6.98MPa Elongation at break: 0.14%
Dimensional changes associated with changes in relative humidity	BS EN 318:2002	Length change: generally within 0.02% Thickness change: generally within 0.12%
Microscopic examination of bulk materials	In-house methods G-T-023 & G-T-028	Non-asbestos
Sound transmission loss	BS 2750 Part 3:1995	55dB
Non- Combustibility Test	BS476 Part 4: 1970 (AMD 2483 and 4390)	Non- Combustible
Fire Propagation Test	BS476 Part 6	Index : 1.8
Surface Spread of flame test	BS476 Part 7:1997	Class 1
Pull-off test of latex paint coating on calcium silicate board	BS EN ISO 4624 : 2016	Adhesion Strength 0.5 MPA
Modulus of Elasticity in Bending and Bending strength of Panels	BS EN 310:1993	6.6 MPA
Thermal Conductivity	ASTM C518-21	0.172 W(m . k)
Thermal Resustance	ASTM C518-21	0.054 (m^2 . k)/W
Thermal Expansion	BS 1902: Section 5.3: 1990	Rate of Firing: 5 °C/minute 13
CFC	Gas Chromatography / Mass Spectrometry	Not Detected
Non- Combustibility Test	BSEN 1182:2010	Class A1

WINS H-TEC FIRE PROTECTION PANEL

Four Sided E&M Services Enclosure System

1 HOUR FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1364-2:2018, BS EN 1363-1:2012 AND BS EN 1364-1:2015



Technical Data:

1. Wins H-Tec Fire Protection Panel, 9mm Thick
2. Steel Channel Collar Minimum 32 x50x0.5mm thick at nominal 1220mm centres.
3. M4 Self-tapping screw at nominal 200mm centres
4. M6 anchor bolt at nominal 500mm centres
5. Threaded rod hanger stress not exceed 10N/mm^2
6. Steel angle minimum 25mmx25mmx0.6mm thick.
7. Steel angle minimum 50mmx50mmx0.6mm thick.
8. Additional steeel angle (50x50x0.6mm) of max spacing1220mm for the width of enclosure 1500mm.
9. General E & M Services e.g. Cable Trunking & Steel Pipe etc.
10. Cantilever arm at Maximum 1250m center (Not Applicable)
11. Rockwool: 1 layer of 50mm with nominal density of 100 kg/m^3

WINS H-TEC FIRE PROTECTION PANEL

Three Sided E&M Services Enclosure System

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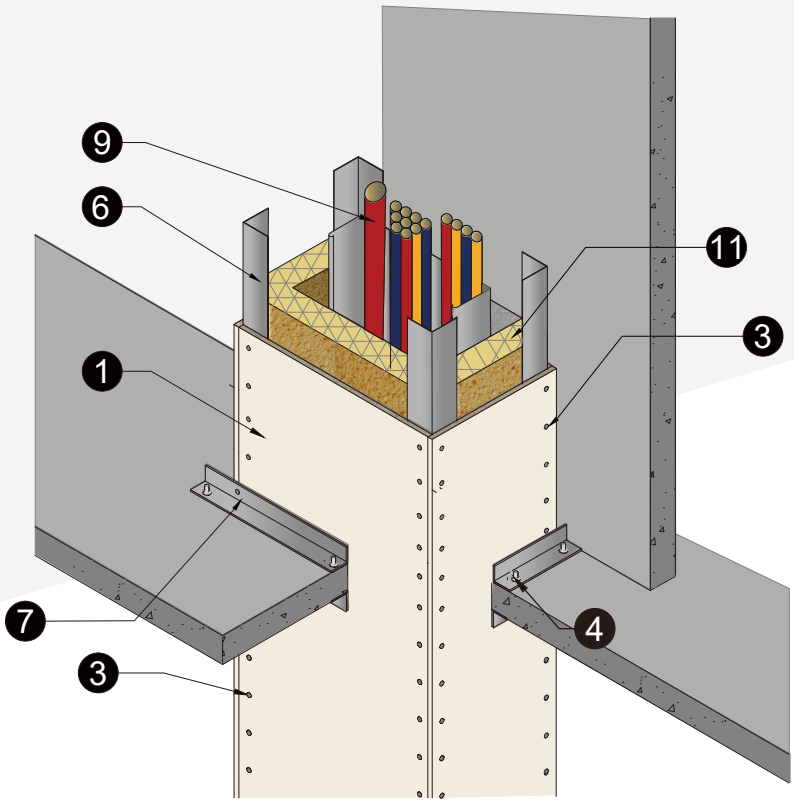

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9. General E & M Services e.g. Cable Trunking & Steel Pipe etc.
10. Cantilever arm at Maximum 1250m center (Not Applicable)
11. Rockwool: 1 layer of 50mm with nominal density of 100 kg/m^3

WINS H-TEC FIRE PROTECTION PANEL

Three Sided E&M Services Enclosure System

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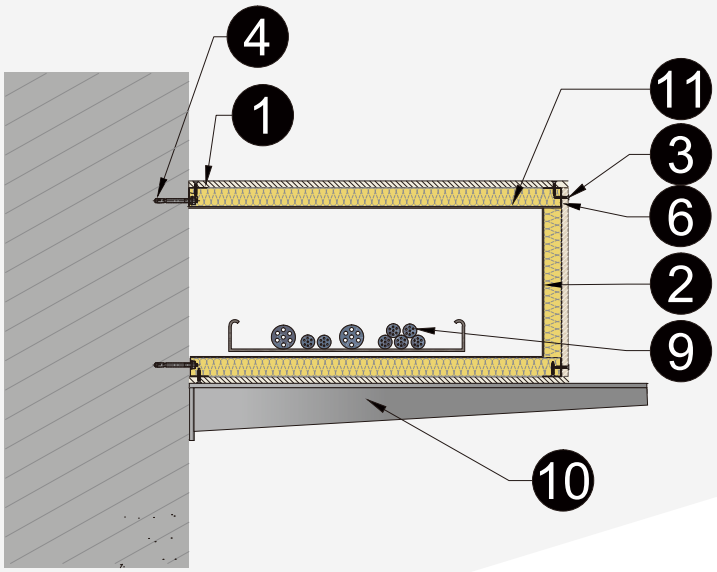
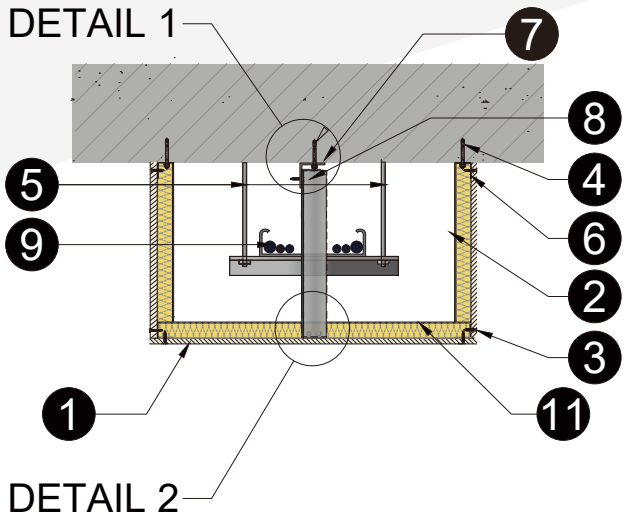


THREE-SIDED CONSTRUCTION FROM SIDE WALL



THREE-SIDED CONSTRUCTION FROM FLOOR SOFFIT

Technical Data:

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6. Steel angle minimum 25mm x 25mm x 0.6mm thick.
7. Steel angle minimum 50mm x 50mm x 0.6mm thick.
8. Additional steel angle (50 x 50 x 0.6mm) of max spacing 1220mm for the width of enclosure 1500mm.
9. General E & M Services e.g. Cable Trunking & Steel Pipe etc.
10. Cantilever arm at Maximum 1250m center
11. Rock Wool : 1 layer of 50mm with nominal density of $100 kg/m^3$

WINS H-TEC FIRE PROTECTION PANEL

Two Sided E&M Services Enclosure System

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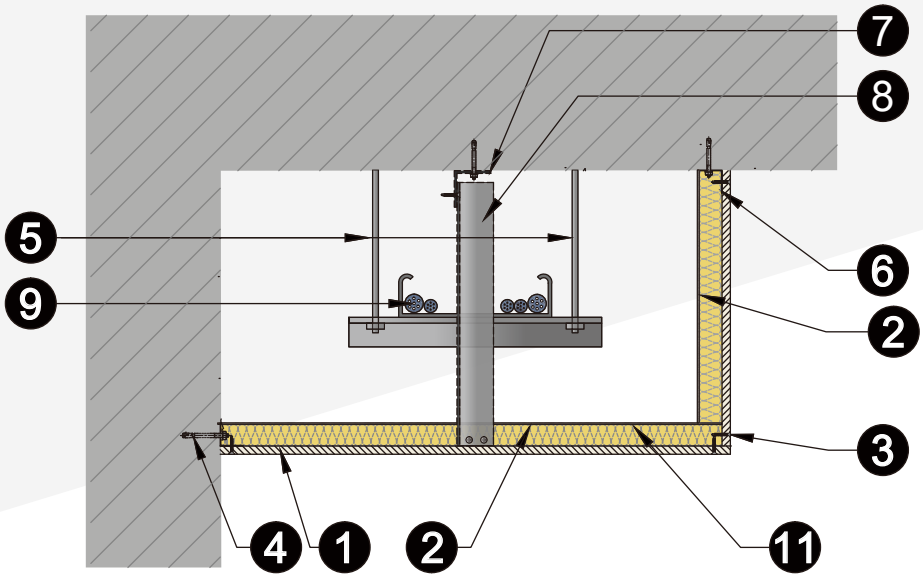

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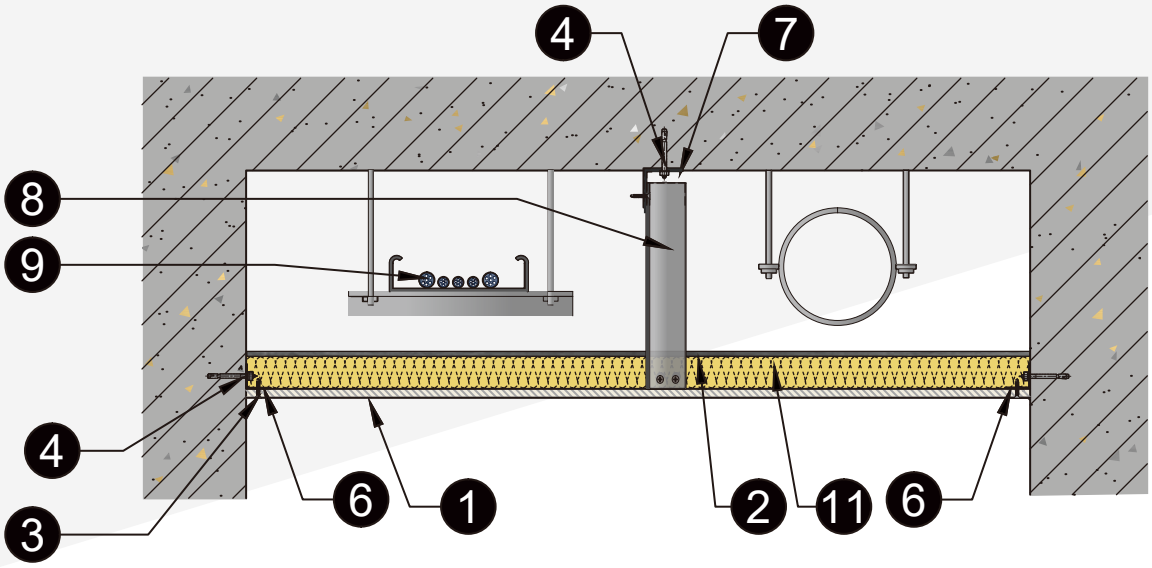
7. Steel angle minimum 50mm x 50mm x 0.6mm thick.
8. Additional steel angle (50 x 50 x 0.6mm) of max spacing 1220mm for the width of enclosure 1500mm.
9. General E & M Services e.g. Cable Trunking & Steel Pipe etc.
10. Cantilever arm at Maximum 1250m centre (Not Applicable)
11. Rock Wool : 1 layer of 50mm with nominal density of 100 kg/m^3

WINS H-TEC FIRE PROTECTION PANEL

One Sided E&M Services Enclosure System

1 HOUR FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1364-2:2018, BS EN 1363-1:2012 AND BS EN 1364-1:2015



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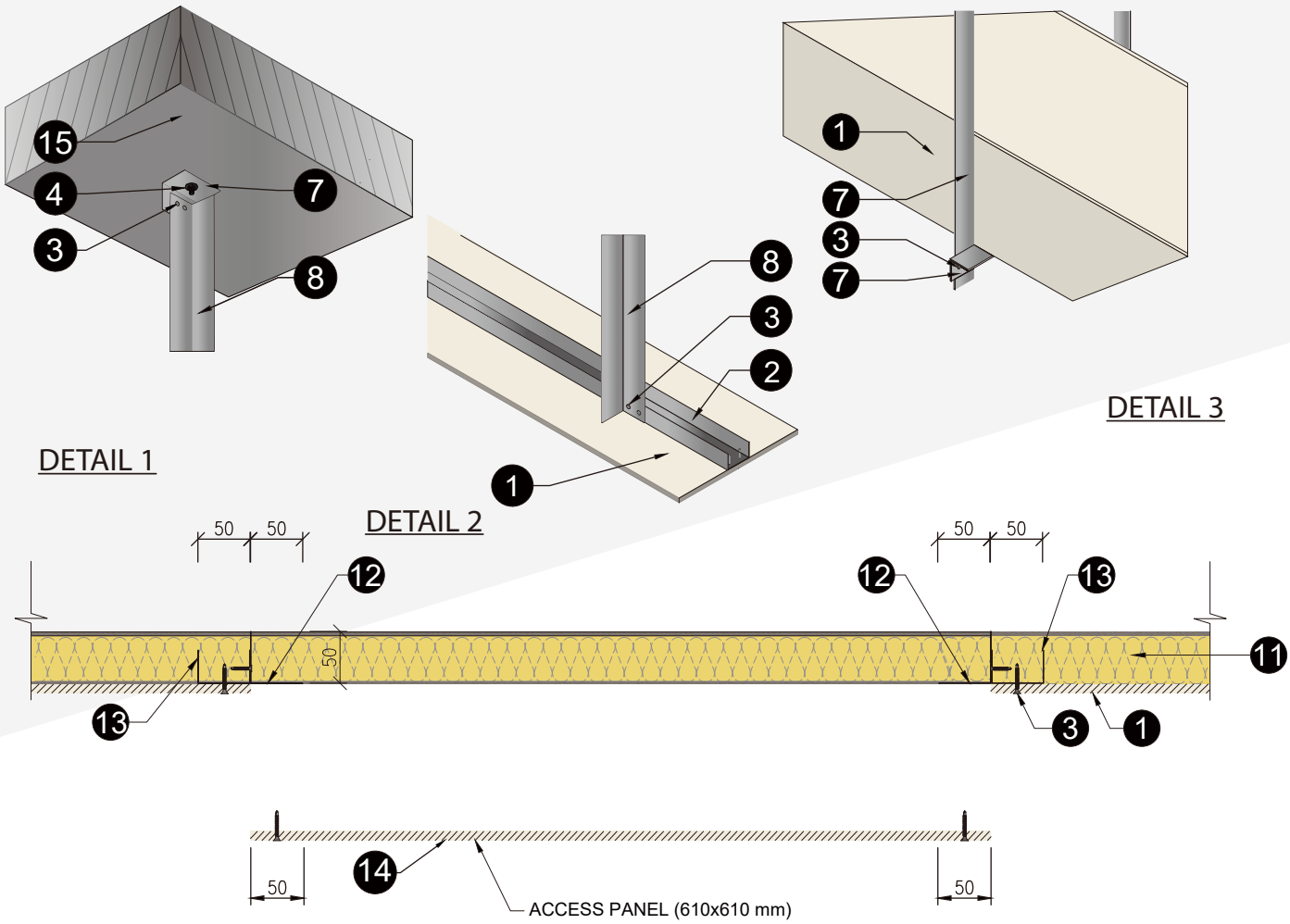
9. General E & M Services e.g. Cable Trunking & Steel Pipe etc.
10. Cantilever arm at Maximum 1250m centre (Not Applicable)
11. Rock Wool : 1 layer of 50mm with nominal density of 100 kg/m^3

WINS H-TEC FIRE PROTECTION PANEL

FIXING DETAIL AND ACCESS PANEL



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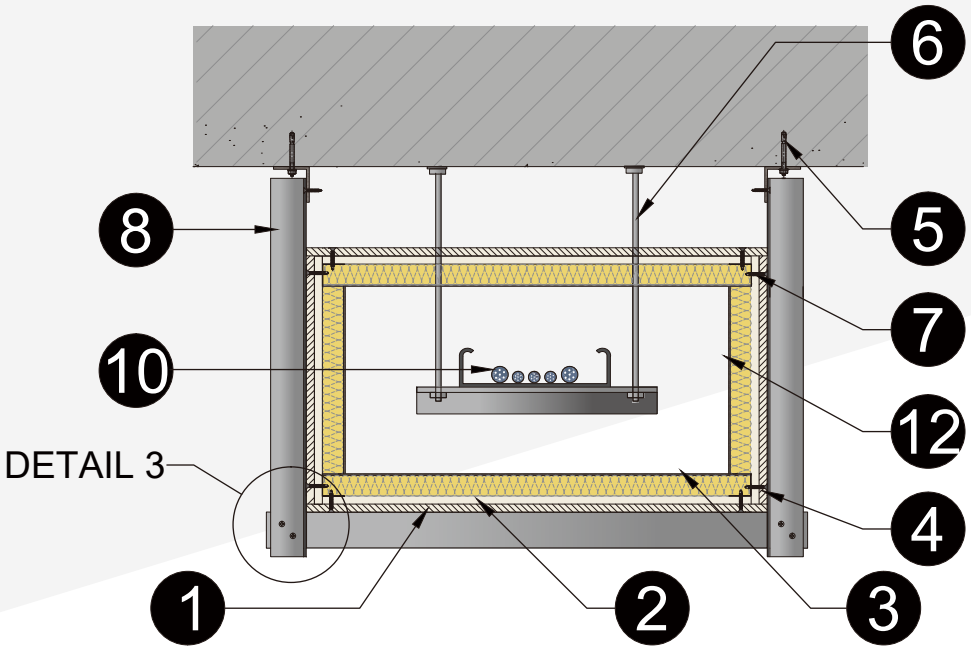
9. General E & M Services e.g. Cable Trunking & Steel Pipe etc.
10. Cantilever arm at Maximum 1250m center (Not Applicable)
11. Rockwool: 1 layer of 50mm with nominal density of 100 kg/m^3
12. Ceiling opening stiffener galvanised steel angle. 50x50x0.5mm THICK
13. Steel C-Channel 32x50x32x0.5mm THICK
14. Access Panel
15. Concrete floor

WINS H-TEC FIRE PROTECTION PANEL

Four Sided E&M Services Enclosure System

2-4 HOURS FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1364-2:1999,BS EN 1363-1:1999 AND BS EN 1364-1:1999



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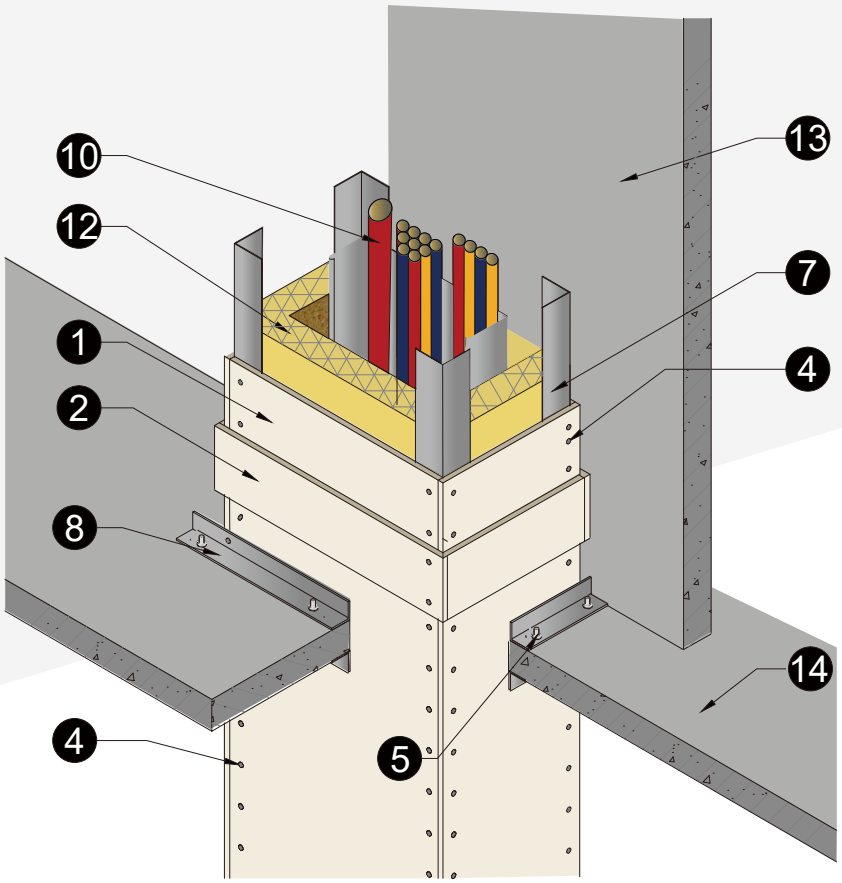
4. M4 self-tapping screw at nominal 200mm centres
5. M6 anchor bolt at nominal 500mm centres
6. Threaded Rod hanger stress not exceed 10N/mm²
7. Steel angle minimum 25x25x0.6mm thick
8. Steel angle minimum 50mm x 50mm x 0.6mm thick.
9. Additional steel angle (50x50x0.6mm) of max spacing 1220mm for the width of enclosure 1500mm
10. General E & M Services e.g. Cable Trunking & Steel Pipe etc..
11. Cantilever arm at Maximum 1250m center (Not Applicable)
12. Rock Wool :

    1 layer of 50mm with nominal density of 110 kg/m3 for 2 hours insulation / 2 layers of 50mm with nominal density of 80kg/m3 for 4 hours insulation.

WINS H-TEC FIRE PROTECTION PANEL

Three Sided E&M Services Enclosure System

2-4 HOURS FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1364-2:1999,BS EN 1363-1:1999 AND BS EN 1364-1:1999



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10. General E & M Services e.g. Cable Trunking & Steel Pipe etc..
11. Cantilever arm at Maximum 1250m center (Not Applicable)
12. Rock Wool :

    1 layer of 50mm with nominal density of 110 kg/m3 for 2 hours insulation / 2 layers of 50mm with nominal density of 80kg/m3 for 4 hours insulation.
13. Construction Wall
14. Concrete floor

WINS H-TEC FIRE PROTECTION PANEL

Three Sided E&M Services Enclosure System

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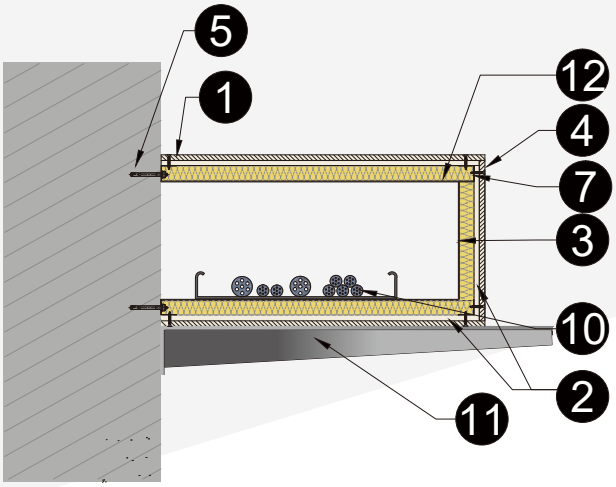

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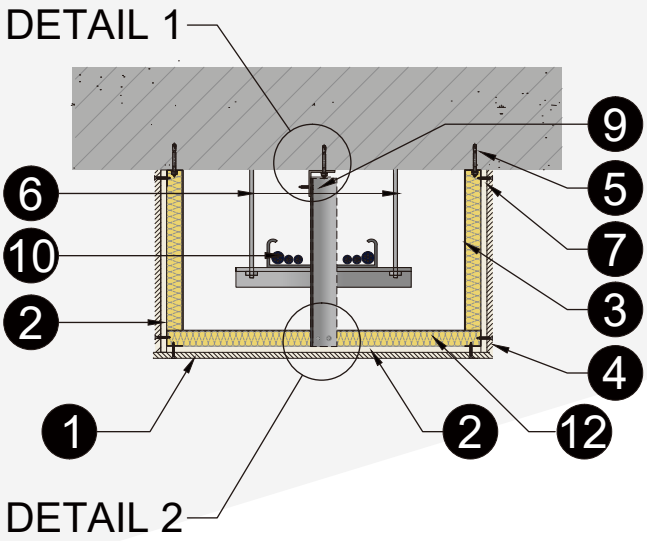

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10. General E & M Services e.g. Cable Trunking & Steel Pipe etc..
11. Cantilever arm at Maximum 1250m center
12. Rock Wool :

    1 layer of 50mm with nominal density of 110 kg/m3 for 2 hours insulation / 2 layers of 50mm with nominal density of 80kg/m3 for 4 hours insulation.

WINS H-TEC FIRE PROTECTION PANEL

Two Sided E&M Services Enclosure System

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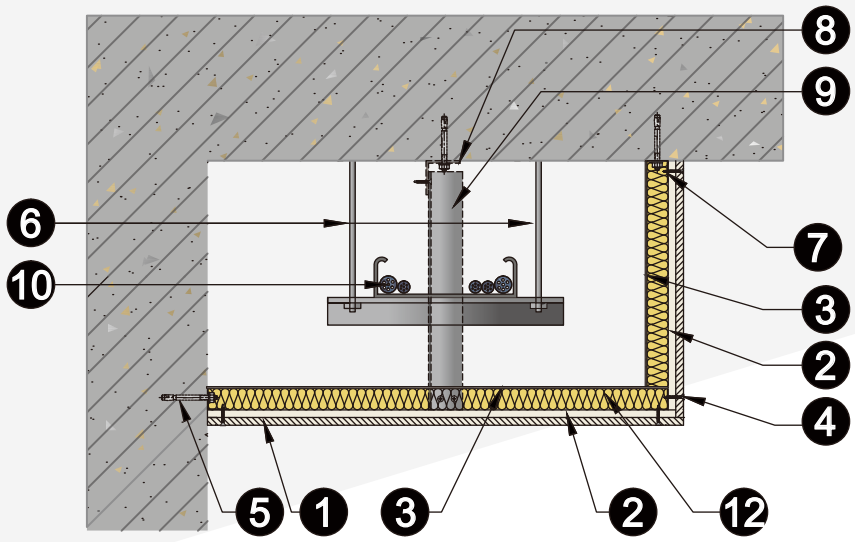

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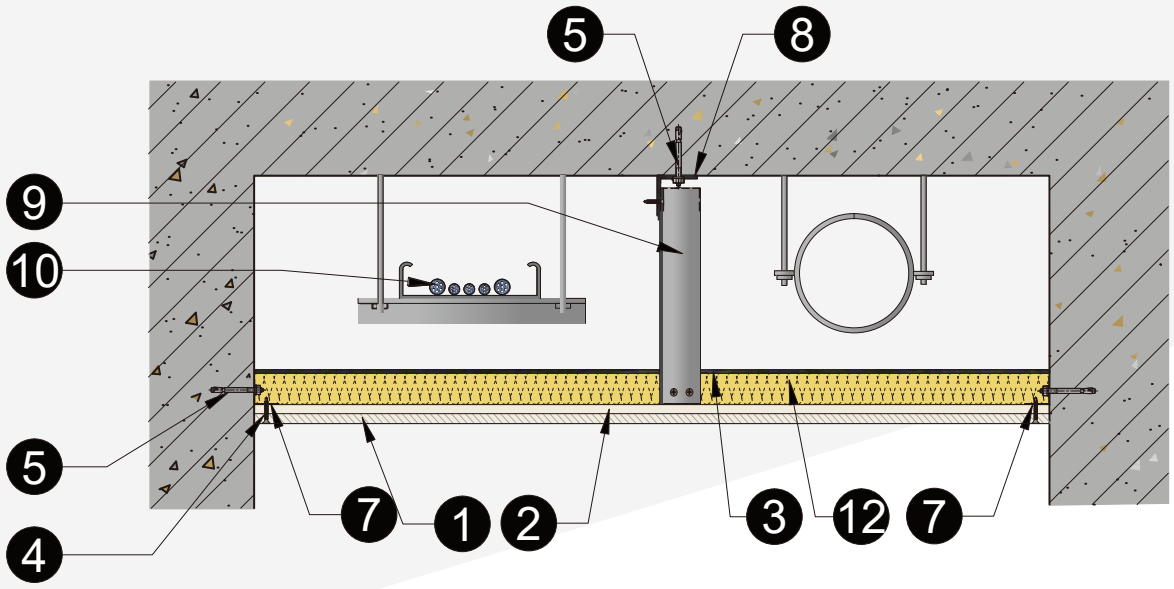

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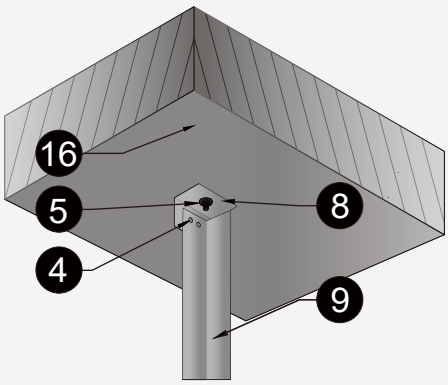
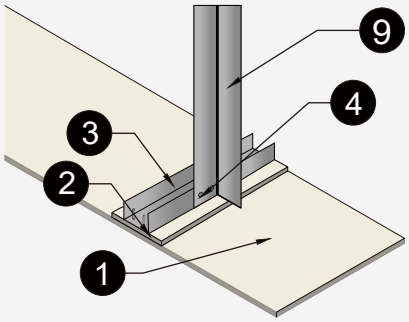
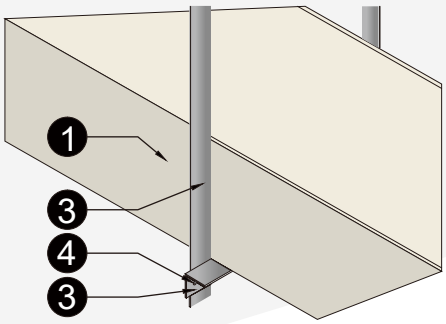


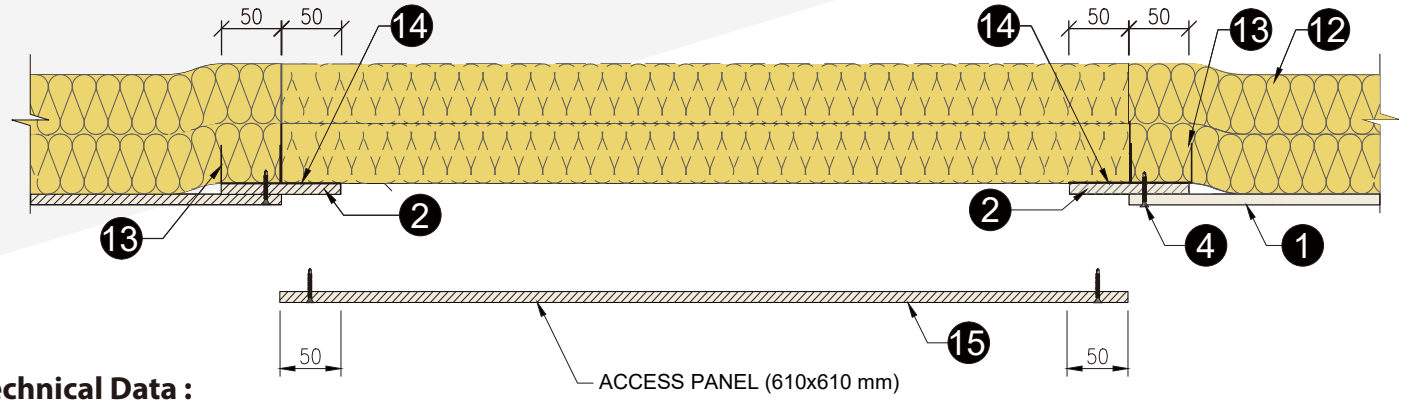
DETAIL 1



DETAIL 2



DETAIL 3



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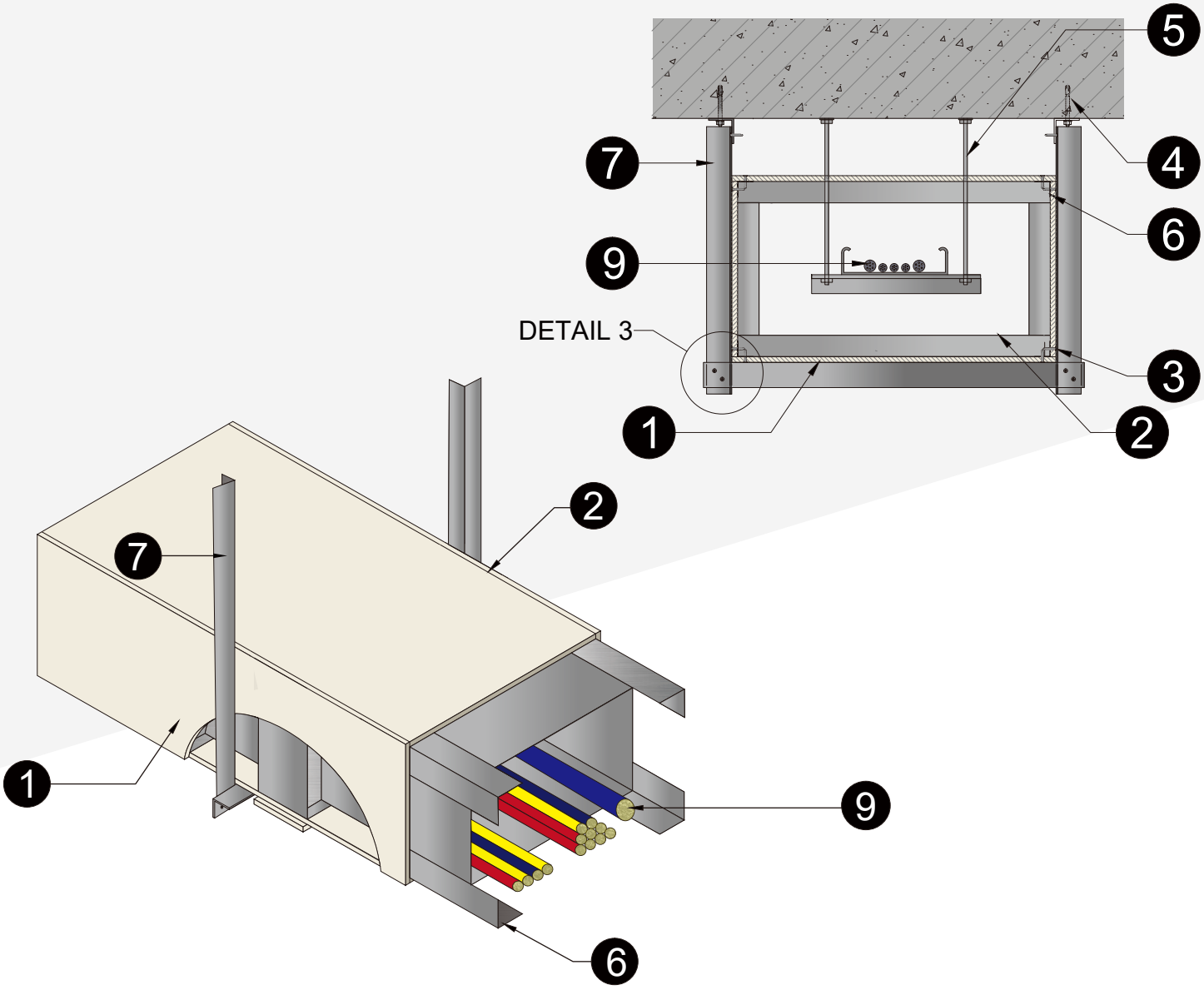
10. General E & M Services e.g. Cable Trunking & Steel Pipe etc..
11. Cantilever arm at Maximum 1250m center (Not Applicable)
12. Rock Wool : 1 layer of 50mm with nominal density of 110 kg/m3 for 2 hours insulation / 2 layers of 50mm with nominal density of 80kg/m3 for 4 hours insulation.
13. Steel C-Channel 32x50x32x0.5mm thick
14. Ceiling opening , stiffener galvanised steel angle 50x50x0.5 mm thick
15. Wins Access Panel, 9mm thick
16. Concrete floor

H-TEC FIRE PROTECTION PANEL

Four Sided E&M Services Enclosure System

1-2 HOURS FIRE RESISTANCE RATING, INTEGRITY IN ACCORDANCE WITH BS EN 1364-2:2018, BS EN 1364-1:2015 AND BS EN 1363-1:2012



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2 Steel Channel Collar Minimum 32 x 50 x 0.5mm thick @ nominal 1220mm centres.

3 M4 self-tapping screw at nominal 200mm centres.

4 M6 anchor bolt at nominal 500mm centres.

5 Threaded Rod Hanger stress not exceed 10N/mm²

6 Steel angle minimum 25mm x 25mm x 0.6mm thick

7 Steel angle minimum 50mm x 50mm x 0.6mm thick spacing 1220mm max.

8 Additional steel angle (50 x 50 x 0.6mm) of max. spacing 1220mm for the width of enclosure greater than 1500mm.

9 General E & M Services eg. Cable Trunking & Steel Pipe etc..

10 Cantilever are at Maximum 1250m center (Not Applicable)

11 Steel C-Channel32x50x32x0.5mm Thick @ 610mm Spacing

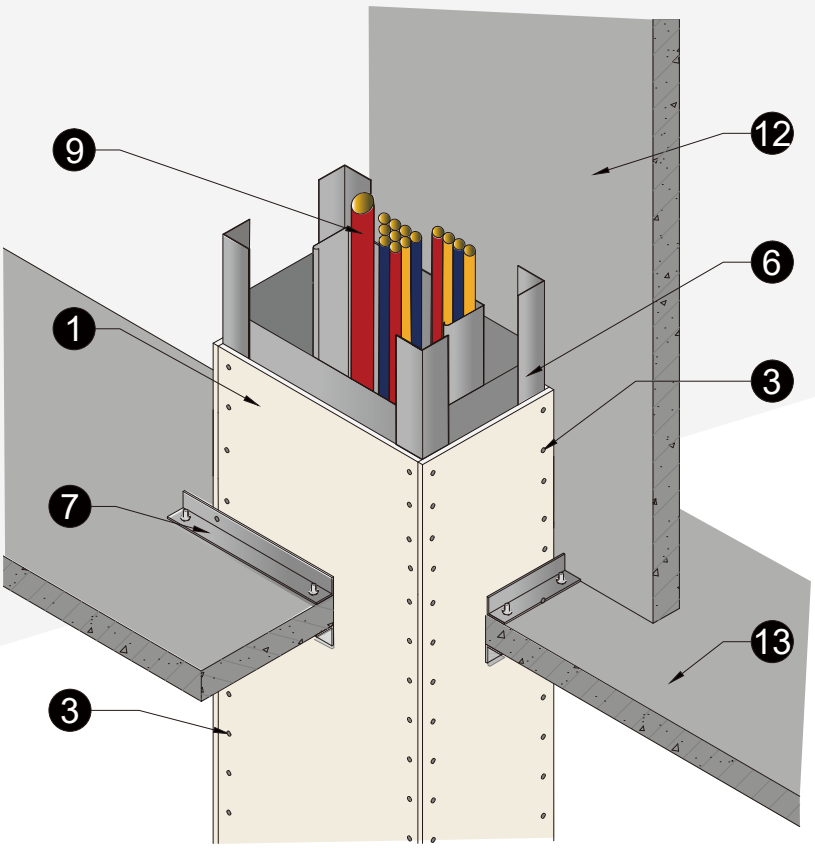
12 Construction Wall

13 Concrete floor

H-TEC FIRE PROTECTION PANEL

Three Sided E&M Services Enclosure System

1-2 HOURS FIRE RESISTANCE RATING, INTEGRITY IN ACCORDANCE WITH BS EN 1364-2:2018, BS EN 1364-1:2015 AND BS EN 1363-1:2012



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8 Additional steel angle (50 x 50 x 0.6mm) of max. spacing 1220mm for the width of enclosure greater than 1500mm.

9 General E & M Services eg. Cable Trunking & Steel Pipe etc..

10 Cantilever are at Maximum 1250m center (Not Applicable)

11 Steel C-Channel32x50x32x0.5mm Thick @ 610mm Spacing

12 Construction Wall

13 Concrete floor

H-TEC FIRE PROTECTION PANEL

Three Sided E&M Services Enclosure System

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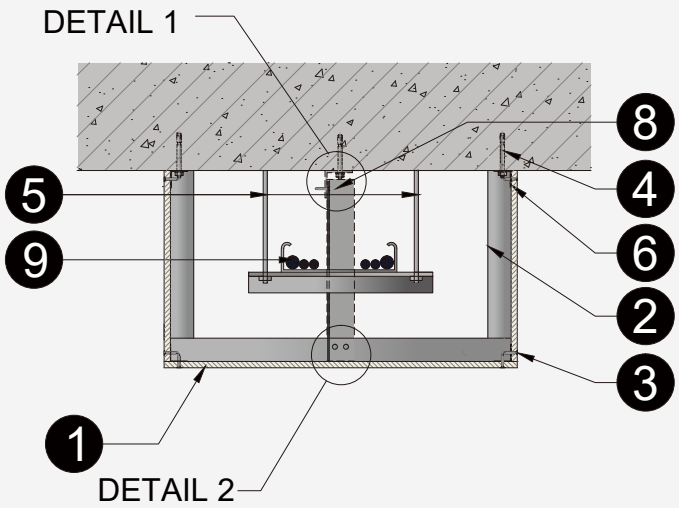
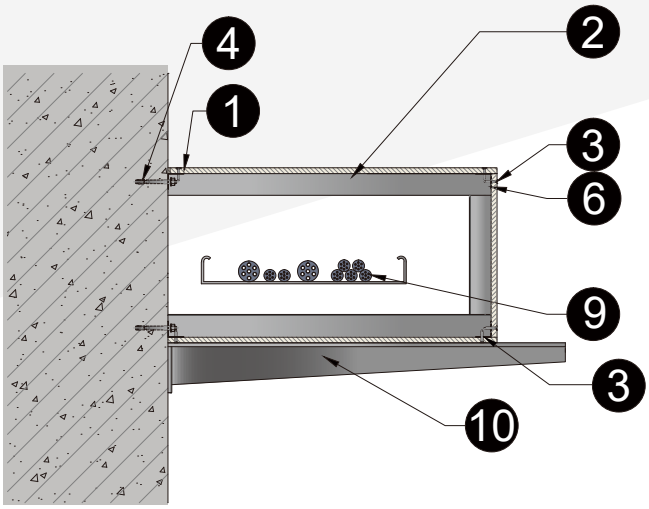


THREE- SIDED CONSTRUCTION FROM FLOOR SOFFIT



THREE- SIDED CONSTRUCTION FROM SIDED WALL

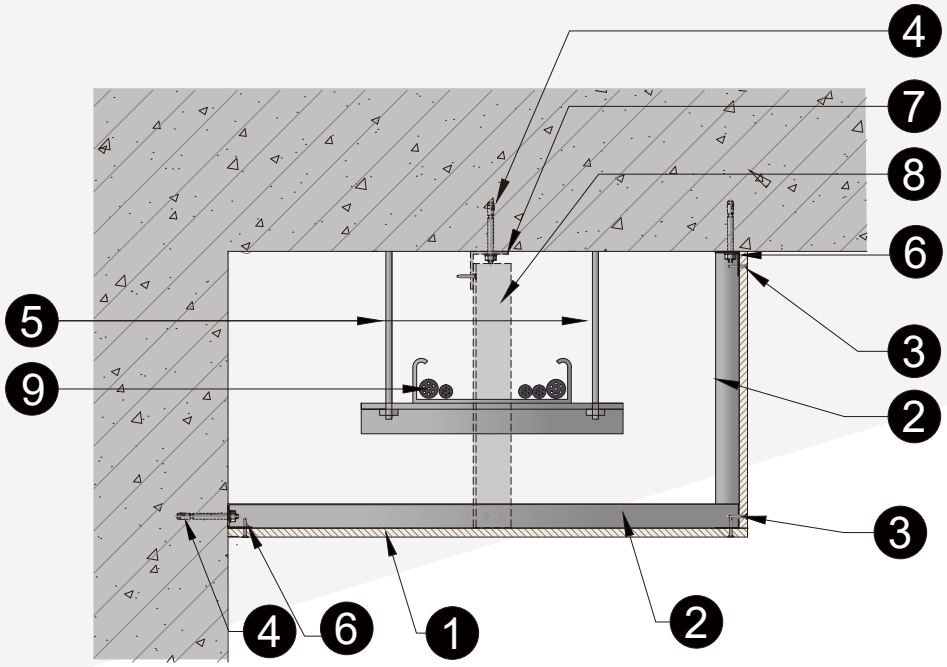
Technical Data:

1. Wins H-Tec Fire Protection Panel (Calcium Silicate),9mm Thick
2. Steel Channel Collar Minimum 32 x 50 x 0.5mm thick @ nominal 1220mm centres.
3. M4 self-tapping screw at nominal 200mm centres.
4. M6 anchor bolt at nominal 500mm centres.
5. Threaded Rod Hanger stress not exceed 10N/mm²
6. Steel angle minimum 25mm x 25mm x 0.6mm thick
7. Steel angle minimum 50mm x 50mm x 0.6mm thick spacing 1220mm max.
8. Additional steel angle (50 x 50 x 0.6mm) of max. spacing 1220mm for the width of enclosure greater than 1500mm.
9. General E & M Services eg. Cable Trunking & Steel Pipe etc..
10. Cantilever are at Maximum 1250m center
11. Steel C-Channel32x50x32x0.5mm Thick @ 610mm Spacing
12. Construction Wall
13. Concrete floor

H-TEC FIRE PROTECTION PANEL

Two Sided E&M Services Enclosure System

1-2 HOURS FIRE RESISTANCE RATING, INTEGRITY IN ACCORDANCE WITH BS EN 1364-2:1999, BS EN 1364-1:2015 AND BS EN 1363-1:2012



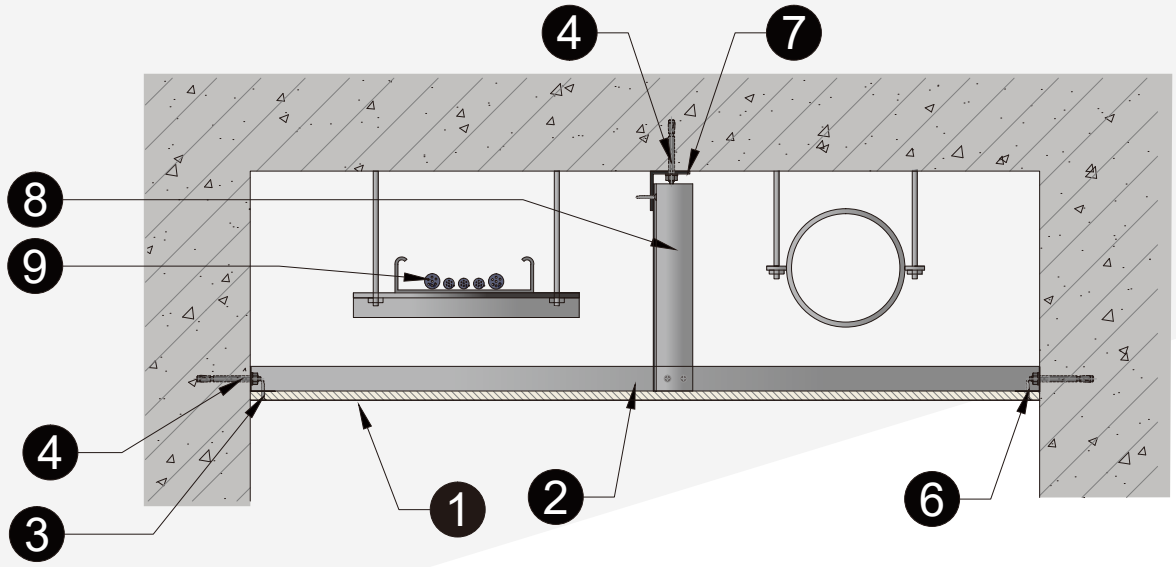
Technical Data:

1. Wins H-Tec Fire Protection Panel (Calcium Silicate),9mm Thick
2. Steel Channel Collar Minimum 32 x 50 x 0.5mm thick @ nominal 1220mm centres.
3. M4 self-tapping screw at nominal 200mm centres.
4. M6 anchor bolt at nominal 500mm centres.
5. Threaded Rod Hanger stress not exceed 10N/mm²
6. Steel angle minimum 25mm x 25mm x 0.6mm thick
7. Steel angle minimum 50mm x 50mm x 0.6mm thick spacing 1220mm max.
8. Additional steel angle (50 x 50 x 0.6mm) of max. spacing 1220mm for the width of enclosure greater than 1500mm.
9. General E & M Services eg. Cable Trunking & Steel Pipe etc..
10. Cantilever are at Maximum 1250m center (Not Applicable)
11. Steel C-Channel32x50x32x0.5mm Thick @ 610mm Spacing
12. Construction Wall
13. Concrete floor

H-TEC FIRE PROTECTION PANEL

One Sided E&M Services Enclosure System

1-2 HOURS FIRE RESISTANCE RATING, INTEGRITY IN ACCORDANCE WITH BS EN 1364-2:2018, BS EN 1364-1:2015 AND BS EN 1363-1:2012



Technical Data:

1 Wins H-Tec Fire Protection Panel (Calcium Silicate),9mm Thick

2 Steel Channel Collar Minimum 32 x 50 x 0.5mm thick @ nominal 1220mm centres.

3 M4 self-tapping screw at nominal 200mm centres.

4 M6 anchor bolt at nominal 500mm centres.

5 Threaded Rod Hanger stress not exceed 10N/mm²

6 Steel angle minimum 25mm x 25mm x 0.6mm thick

7 Steel angle minimum 50mm x 50mm x 0.6mm thick spacing 1220mm max.

8 Additional steel angle (50 x 50 x 0.6mm) of max. spacing 1220mm for the width of enclosure greater than 1500mm.

9 General E & M Services eg. Cable Trunking & Steel Pipe etc..

10 Cantilever are at Maximum 1250m center (Not Applicable)

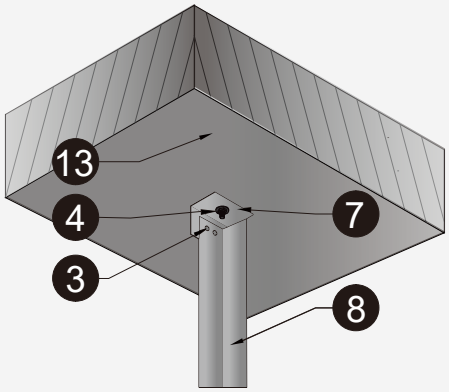
11 Steel C-Channel32x50x32x0.5mm Thick @ 610mm Spacing

12 Construction Wall

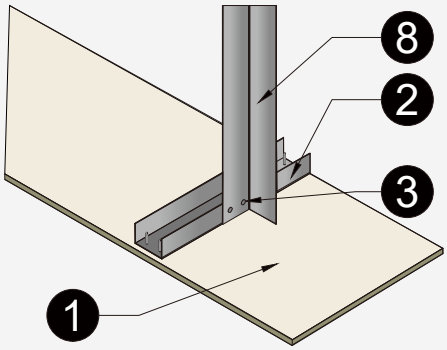
13 Concrete floor

H-TEC FIRE PROTECTION PANEL

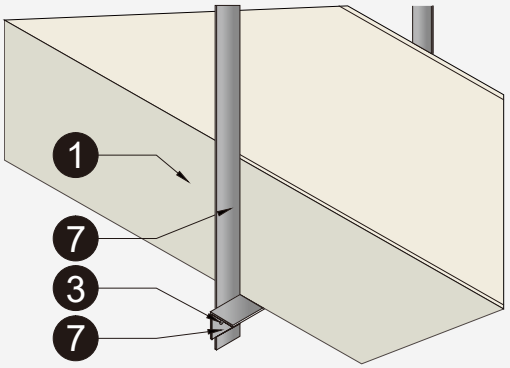
FIXING DETAIL AND ACCESS PANEL



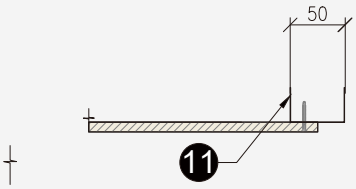
DETAIL 1

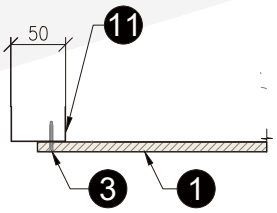


DETAIL 2



DETAIL 3





Technical Data:

Technical Data:

1 Wins H-Tec Fire Protection Panel (Calcium Silicate),9mm Thick

2 Steel Channel Collar Minimum 32 x 50 x 0.5mm thick @ nominal 1220mm centres.

3 M4 self-tapping screw at nominal 200mm centres.

4 M6 anchor bolt at nominal 500mm centres.

5 Threaded Rod Hanger stress not exceed 10N/mm²

6 Steel angle minimum 25mm x 25mm x 0.6mm thick

7 Steel angle minimum 50mm x 50mm x 0.6mm thick spacing 1220mm max.

8 Additional steel angle (50 x 50 x 0.6mm) of max. spacing 1220mm for the width of enclosure greater than 1500mm.

9 General E & M Services eg. Cable Trunking & Steel Pipe etc..

10 Cantilever are at Maximum 1250m center (Not Applicable)

11 Steel C-Channel32x50x32x0.5mm Thick @ 610mm Spacing

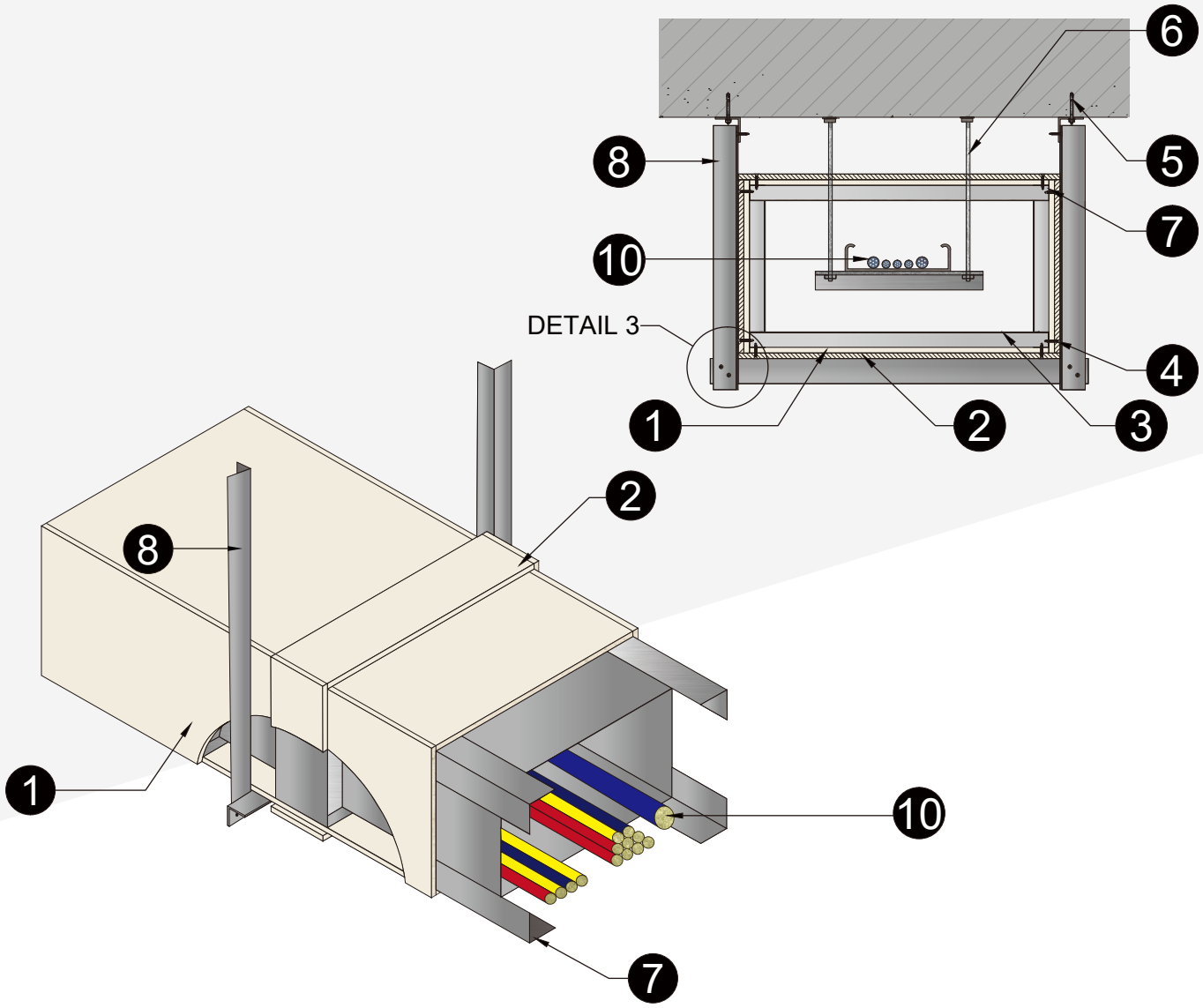
12 Construction Wall

13 Concrete floor / Ceiling

H-TEC FIRE PROTECTION PANEL

Four Sided E&M Services Enclosure System

4 HOURS FIRE RESISTANCE RATING, INTEGRITY IN ACCORDANCE WITH BS EN 1364-2:1999, BS EN 1364-1:2015 AND BS EN 1363-1:2012



Technical Data:

1 Wins H-TEC Fire Protection Panel, 9mm Thick

2 Wins H-TEC Fire Protection Fillet 100mm width, 9mm thick (inside or outside)

3 Steel Channel Collar Minimum 32 x 50 x 0.5mm thick at nominal 1220mm centres.

4 M4 self-tapping screw at nominal 200mm centres.

5 M6 anchor bolt at nominal 500mm centres.

6 Threaded Rod hanger stress not exceed 10N/mm²

7 Steel angle minimum 25mm x 25mm x 0.6mm thick.

8 Steel angle minimum 50mm x 50mm x 0.6mm thick.

9 Additional steel angle (50 x 50 x 0.6mm) of max. spacing 1220mm for the width of enclosure 1500mm.

10 General E & M Services e.g. Cable Trunking & Steel Pipe etc.

11 Cantilever arm at Maximum 1250m center (Not Applicable)

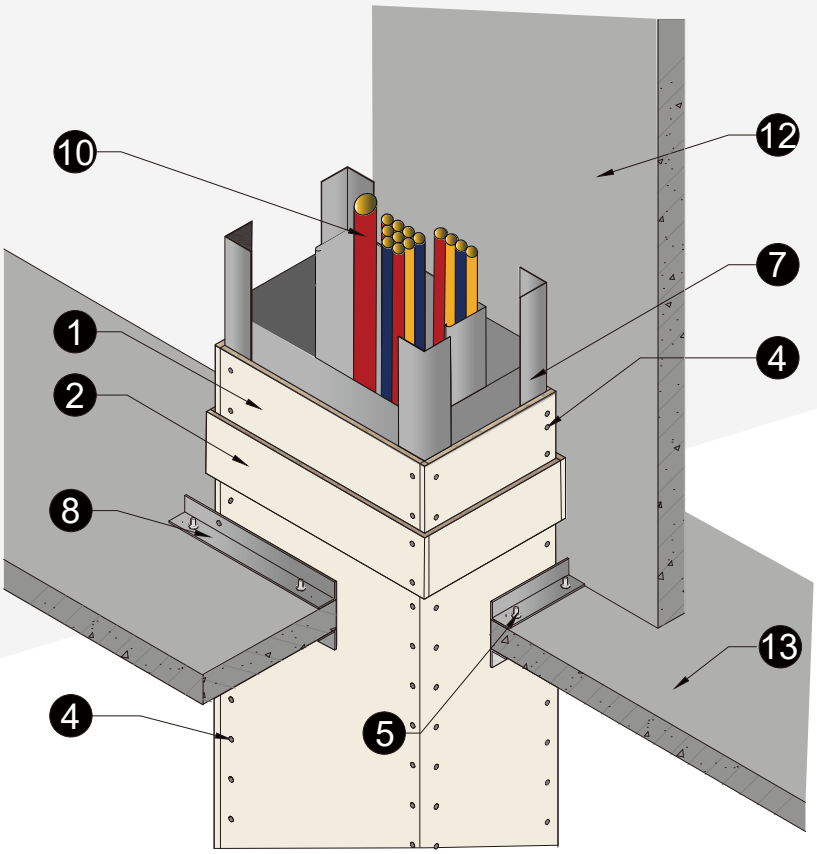
12 Construction wall

13 Concrete floor

H-TEC FIRE PROTECTION PANEL

Three Sided E&M Services Enclosure System

4 HOURS FIRE RESISTANCE RATING, INTEGRITY IN ACCORDANCE WITH BS EN 1364-2:1999, BS EN 1364-1:2015 AND BS EN 1363-1:2012



Technical Data:

1 Wins H-TEC Fire Protection Panel, 9mm Thick

2 Wins H-TEC Fire Protection Fillet 100mm width, 9mm thick (inside or outside)

3 Steel Channel Collar Minimum 32 x 50 x 0.5mm thick at nominal 1220mm centres.

4 M4 self-tapping screw at nominal 200mm centres.

5 M6 anchor bolt at nominal 500mm centres.

6 Threaded Rod hanger stress not exceed 10N/mm²

7 Steel angle minimum 25mm x 25mm x 0.6mm thick.

8 Steel angle minimum 50mm x 50mm x 0.6mm thick.

9 Additional steel angle (50 x 50 x 0.6mm) of max. spacing 1220mm for the width of enclosure 1500mm. (Not Applicable)

10 General E & M Services e.g. Cable Trunking & Steel Pipe etc.

11 Cantilever arm at Maximum 1250m center (Not Applicable)

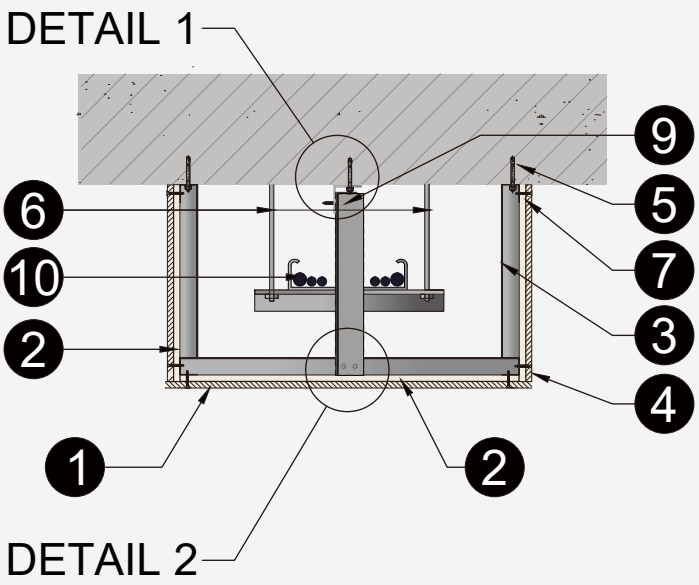
12 Construction wall

13 Concrete floor

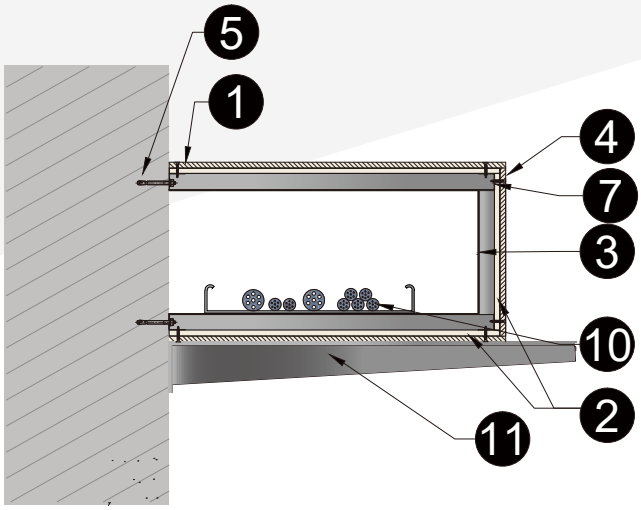
H-TEC FIRE PROTECTION PANEL

Three Sided E&M Services Enclosure System

4 HOURS FIRE RESISTANCE RATING, INTEGRITY IN ACCORDANCE WITH BS EN 1364-2:1999, BS EN 1364-1:2015 AND BS EN 1363-1:2012



THREE- SIDED CONSTRUCTION FROM FLOOR SOFFIT



THREE- SIDED CONSTRUCTION FROM SIDED WALL

Technical Data:

1 Wins H-TEC Fire Protection Panel, 9mm Thick

2 Wins H-TEC Fire Protection Fillet 100mm width, 9mm thick (inside or outside)

3 Steel Channel Collar Minimum 32 x 50 x 0.5mm thick at nominal 1220mm centres.

4 M4 self-tapping screw at nominal 200mm centres.

5 M6 anchor bolt at nominal 500mm centres.

6 Threaded Rod hanger stress not exceed 10N/mm²

7 Steel angle minimum 25mm x 25mm x 0.6mm thick.

8 Steel angle minimum 50mm x 50mm x 0.6mm thick.

9 Additional steel angle (50 x 50 x 0.6mm) of max. spacing 1220mm for the width of enclosure 1500mm.

10 General E & M Services e.g. Cable Trunking & Steel Pipe etc.

11 Cantilever arm at Maximum 1250m center

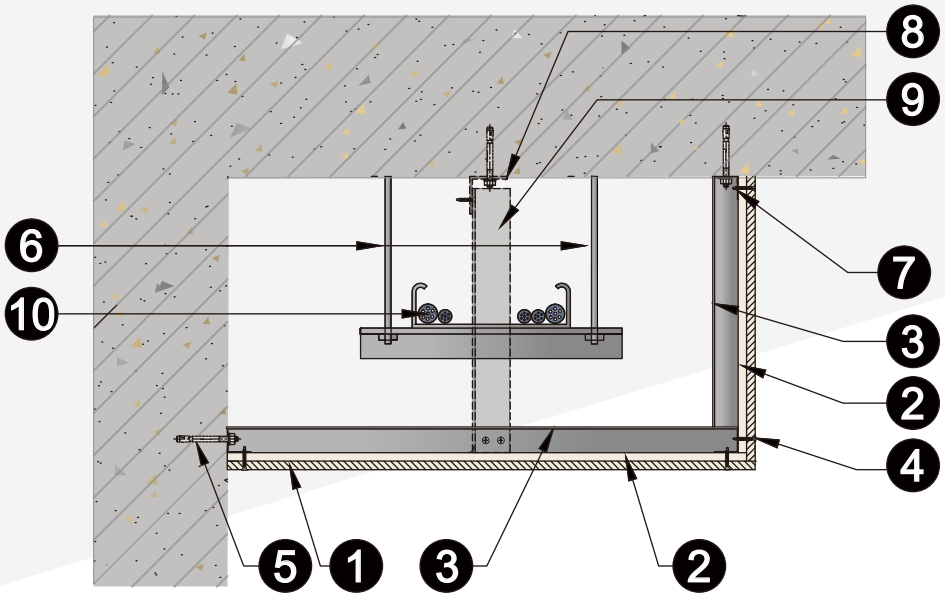
12 Construction wall

13 Concrete floor

H-TEC FIRE PROTECTION PANEL

Two Sided E&M Services Enclosure System

4 HOURS FIRE RESISTANCE RATING, INTEGRITY IN ACCORDANCE WITH BS EN 1364-2:1999, BS EN 1364-1:2015 AND BS EN 1363-1:2012



Technical Data:

1 Wins H-TEC Fire Protection Panel, 9mm Thick

2 Wins H-TEC Fire Protection Fillet 100mm width, 9mm thick (inside or outside)

3 Steel Channel Collar Minimum 32 x 50 x 0.5mm thick at nominal 1220mm centres.

4 M4 self-tapping screw at nominal 200mm centres.

5 M6 anchor bolt at nominal 500mm centres.

6 Threaded Rod hanger stress not exceed 10N/mm²

7 Steel angle minimum 25mm x 25mm x 0.6mm thick.

8 Steel angle minimum 50mm x 50mm x 0.6mm thick.

9 Additional steel angle (50 x 50 x 0.6mm) of max. spacing 1220mm for the width of enclosure 1500mm.

10 General E & M Services e.g. Cable Trunking & Steel Pipe etc.

11 Cantilever arm at Maximum 1250m center (Not Applicable)

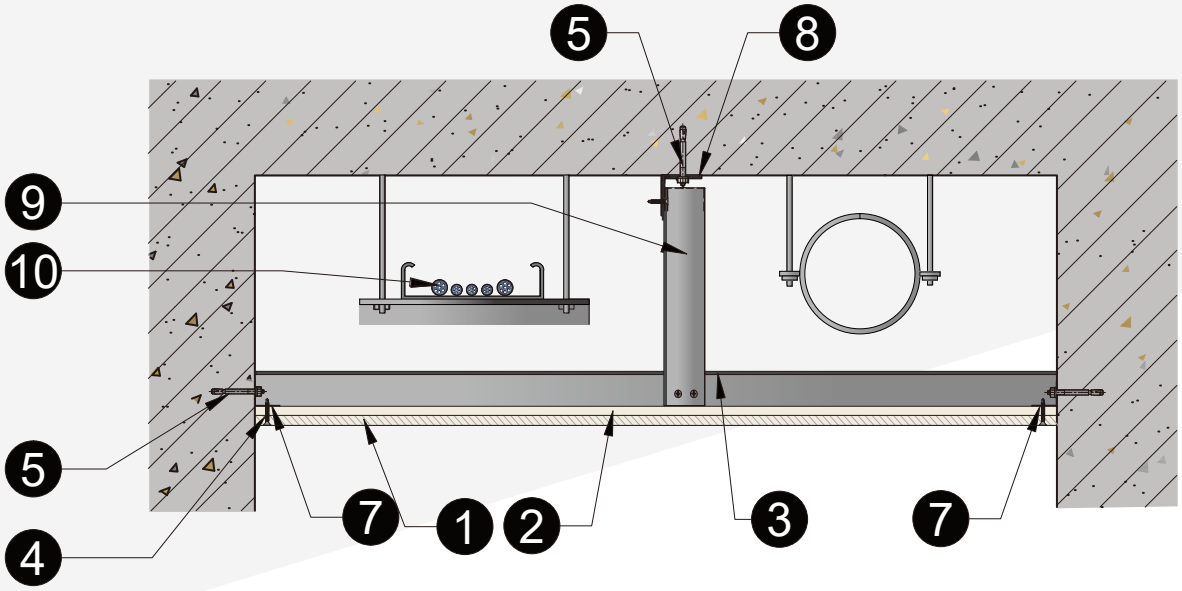
12 Construction wall

13 Concrete floor

H-TEC FIRE PROTECTION PANEL

One Sided E&M Services Enclosure System

4 HOURS FIRE RESISTANCE RATING, INTEGRITY IN ACCORDANCE WITH BS EN 1364-2:1999, BS EN 1364-1:2015 AND BS EN 1363-1:2012



Technical Data:

1 Wins H-TEC Fire Protection Panel, 9mm Thick

2 Wins H-TEC Fire Protection Fillet 100mm width, 9mm thick (inside or outside)

3 Steel Channel Collar Minimum 32 x 50 x 0.5mm thick at nominal 1220mm centres.

4 M4 self-tapping screw at nominal 200mm centres.

5 M6 anchor bolt at nominal 500mm centres.

6 Threaded Rod hanger stress not exceed 10N/mm²

7 Steel angle minimum 25mm x 25mm x 0.6mm thick.

8 Steel angle minimum 50mm x 50mm x 0.6mm thick.

9 Additional steel angle (50 x 50 x 0.6mm) of max. spacing 1220mm for the width of enclosure 1500mm.

10 General E & M Services e.g. Cable Trunking & Steel Pipe etc.

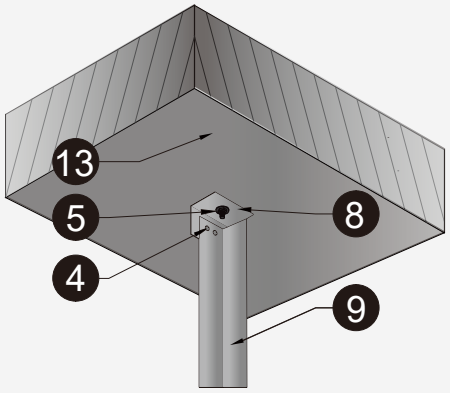
11 Cantilever arm at Maximum 1250m center (Not Applicable)

12 Construction wall

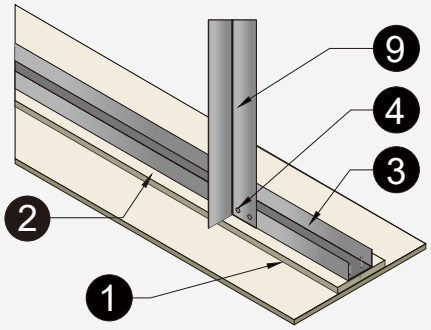
13 Concrete floor

H-TEC FIRE PROTECTION PANEL

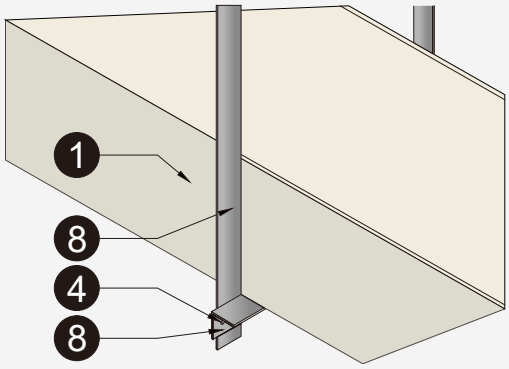
FIXING DETAIL AND ACCESS PANEL



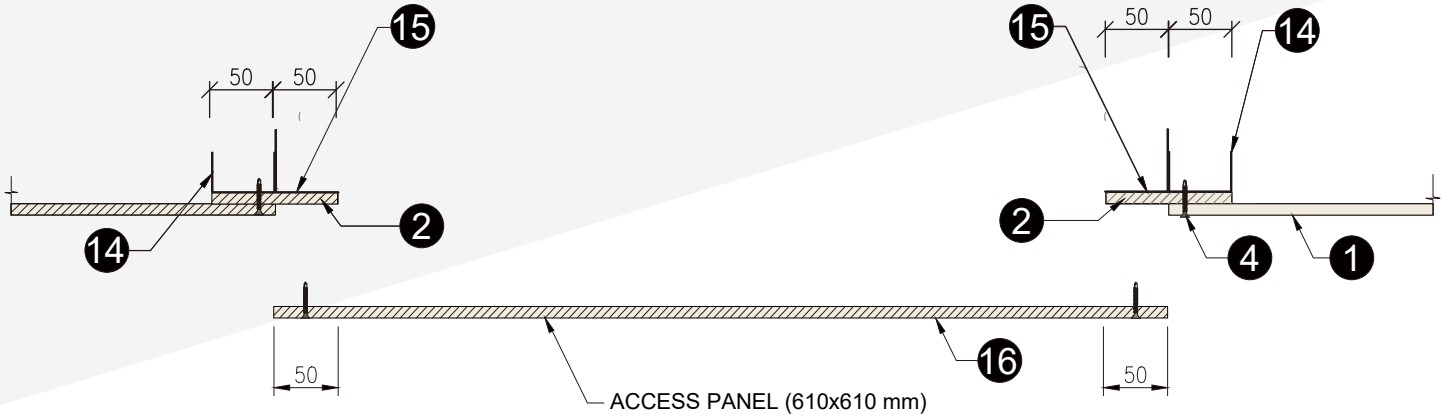
DETAIL 1



DETAIL 2



DETAIL 3



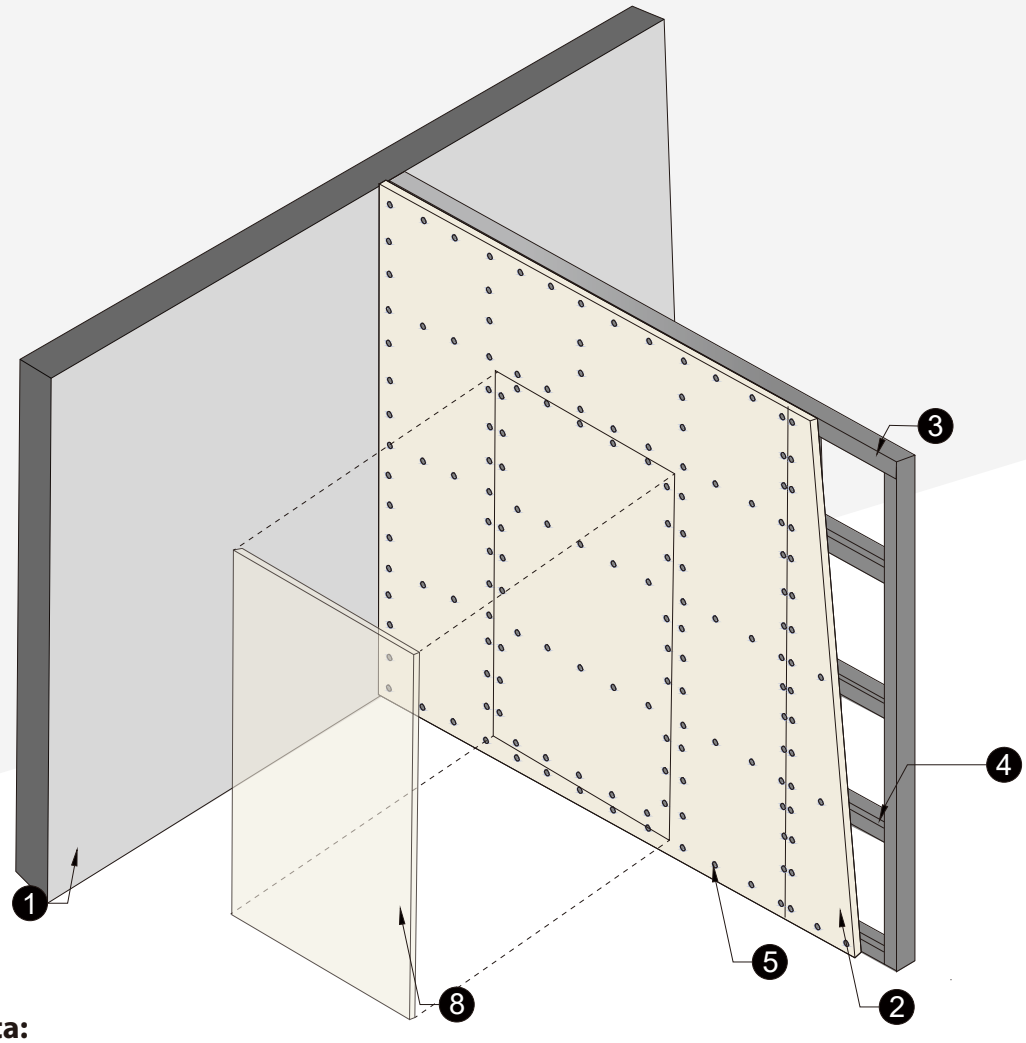
Technical Data:

1. Wins H-TEC Fire Protection Panel, 9mm Thick
2. Wins H-TEC Fire Protection Fillet 100mm width, 9mm thick (inside or outside)
3. Steel Channel Collar Minimum 32 x 50 x 0.5mm thick at nominal 1220mm centres.
4. M4 self-tapping screw at nominal 200mm centres.
5. M6 anchor bolt at nominal 500mm centres.
6. Threaded Rod hanger stress not exceed 10N/mm²
7. Steel angle minimum 25mm x 25mm x 0.6mm thick.
8. Steel angle minimum 50mm x 50mm x 0.6mm thick.
9. Additional steel angle (50 x 50 x 0.6mm) of max. spacing 1220mm for the width of enclosure 1500mm.
10. General E & M Services e.g. Cable Trunking & Steel Pipe etc.
11. Cantilever arm at Maximum 1250m center (Not Applicable)
12. Construction wall
13. Concrete floor
14. Steel C-Channel 32x52x32x0.5mm thick
15. Ceiling opening, stiffener galvanised steel angle 50x50x0.5mm thick
16. Wins Access Panel, 9mm thick

WINS H-TEC FIRE PROTECTION PANEL

9 mm Non-Loadbearing Partition System

1-2 HOURS FIRE RESISTANCE RATING, INTEGRITY
IN ACCORDANCE WITH BS EN 1363-1:2020 AND BS EN 1364-1:2015



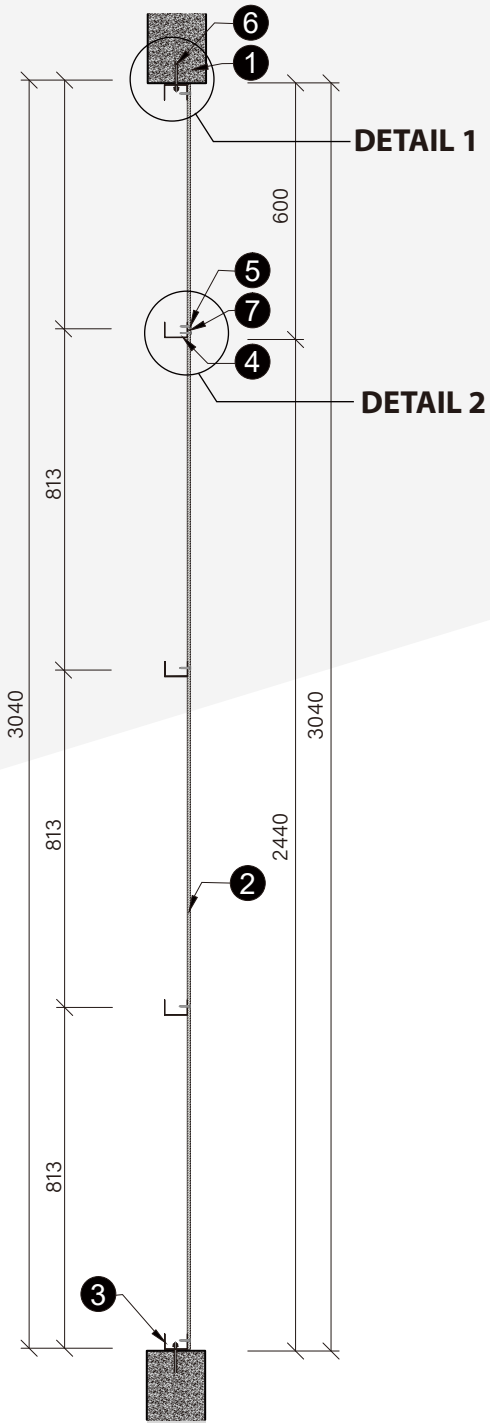
Technical Data:

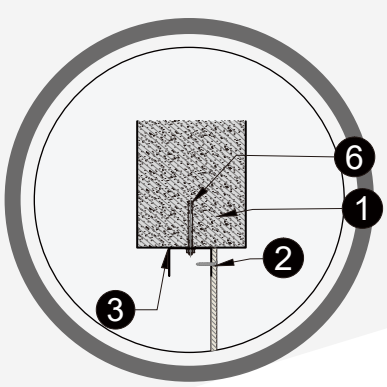
1. Wall/ Ceiling/ Floor
2. Wins H-Tec Fire Protection Panel (Calcium Silicate), 9mm thick
3. Steel Track / Channel, 32x50x32x0.5mm thick
4. Steel stud 32x50x32x0.5mm thick, @610mm by 813mm
5. M4 self-tapping screw, @ 200mm C/C
6. M6 anchor bolt, @ 800mm C/C
7. Board joints, sealed with fire retardant sealant
8. Access panel 1220mm x 2440mm

WINS H-TEC FIRE PROTECTION PANEL

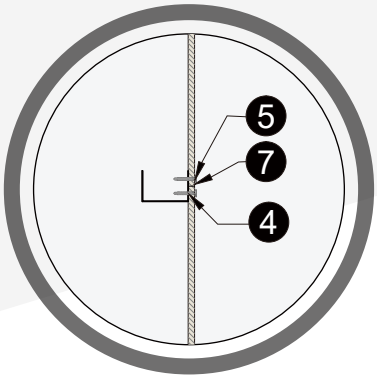
9 mm Non-Loadbearing Partition System

**1-2 HOURS FIRE RESISTANCE RATING, INTEGRITY
IN ACCORDANCE WITH BS EN 1363-1:2020 AND BS EN 1364-1:2015**





DETAIL 1



DETAIL 2

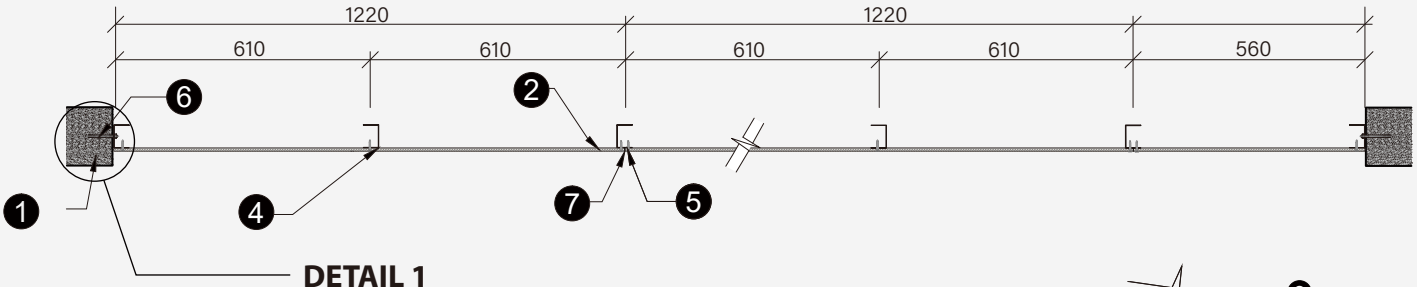
Technical Data:

1. Wall/ Ceiling/ Floor
2. Wins H-Tec Fire Protection Panel (Calcium Silicate), 9mm thick
3. Steel Track / Channel, 32x50x32x0.5mm thick
4. Steel stud 32x50x32x0.5mm thick, @610mm by 813mm
5. M4 self-tapping screw, @ 200mm C/C
6. M6 anchor bolt, @ 800mm C/C
7. Board joints, sealed with fire retardant sealant
8. Access panel 1220mm x 2440mm

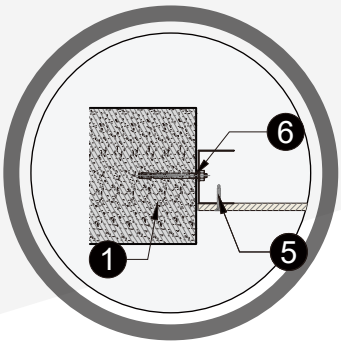
WINS H-TEC FIRE PROTECTION PANEL

9 mm Non-Loadbearing Partition System

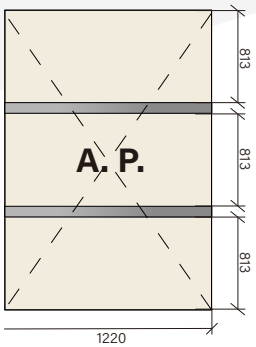
1-2 HOURS FIRE RESISTANCE RATING, INTEGRITY IN ACCORDANCE WITH BS EN 1363-1:2020 AND BS EN 1364-1:2015

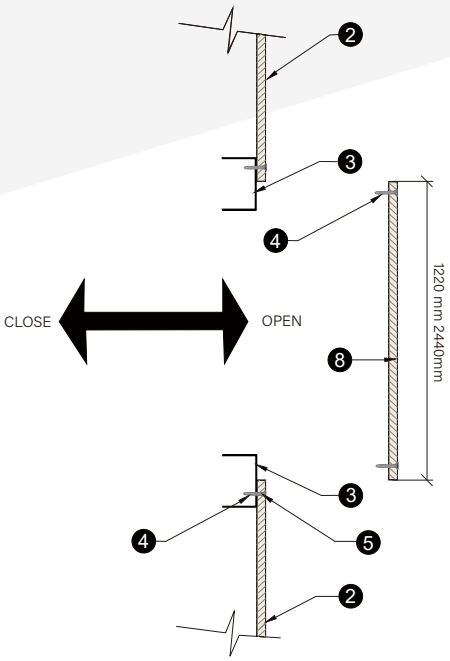


DETAIL 1



DETAIL 1





ACCESS PANEL

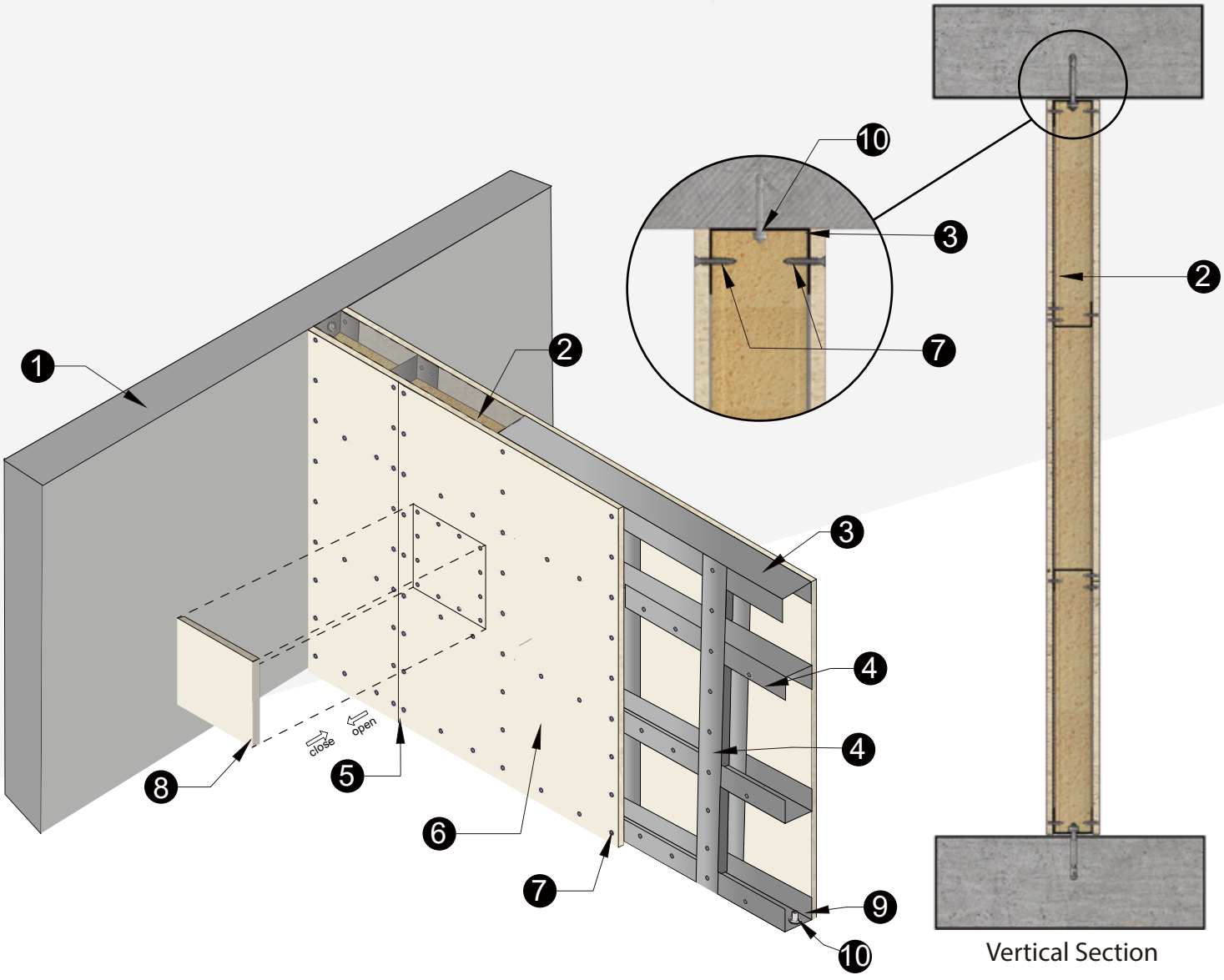
Technical Data:

1. Wall/ Ceiling/ Floor
2. Wins H-Tec Fire Protection Panel (Calcium Silicate), 9mm thick
3. Steel Track / Channel, 32x50x32x0.5mm thick
4. Steel stud 32x50x32x0.5mm thick, @610mm by 813mm
5. M4 self-tapping screw, @ 200mm C/C
6. M6 anchor bolt, @ 800mm C/C
7. Board joints, sealed with fire retardant sealant
8. Access panel 1220mm x 2440mm

WINS H-TEC FIRE PROTECTION PANEL

9 mm Non-Loadbearing partition System

2 HOURS FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1364-1:2015



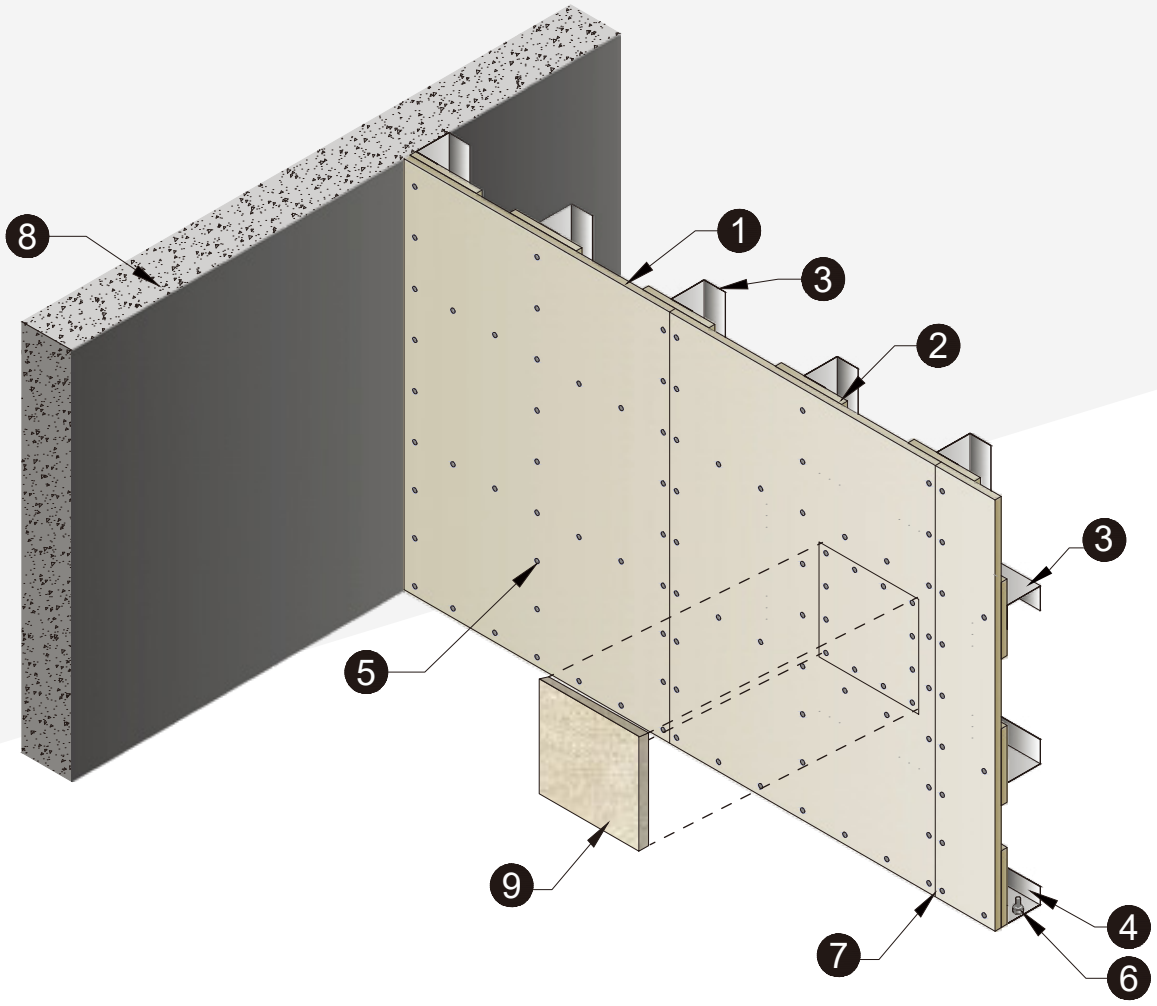
Technical Data:

1 Wall
2 Rock wool density 80kg/m^3 by 50mm thick
3 Ceiling perimeter steel channel 24x50x24x0.5mm
4 Steel stud channel 32x50x32x0.5mm thick, @610mm c/c (vertical) @ 813mm c/c (horizontal)
5 Board Joint, sealed with fire retardant sealant
6 Wins H-Tec Fire Protection Panel 9mm thick
7 M4 Self-tapping screw, @200mm c/c
8 Access Panel (any panel surface) (optional)
9 Floor perimeter steel channel 24x50x24x0.5mm
10 M6 anchor bolt, @610mm c/c

WINS H-TEC FIRE PROTECTION PANEL

9 mm Non-Loadbearing partition System

4 HOURS FIRE RESISTANCE RATING, INTEGRITY IN ACCORDANCE WITH BS EN 1364-1:2015



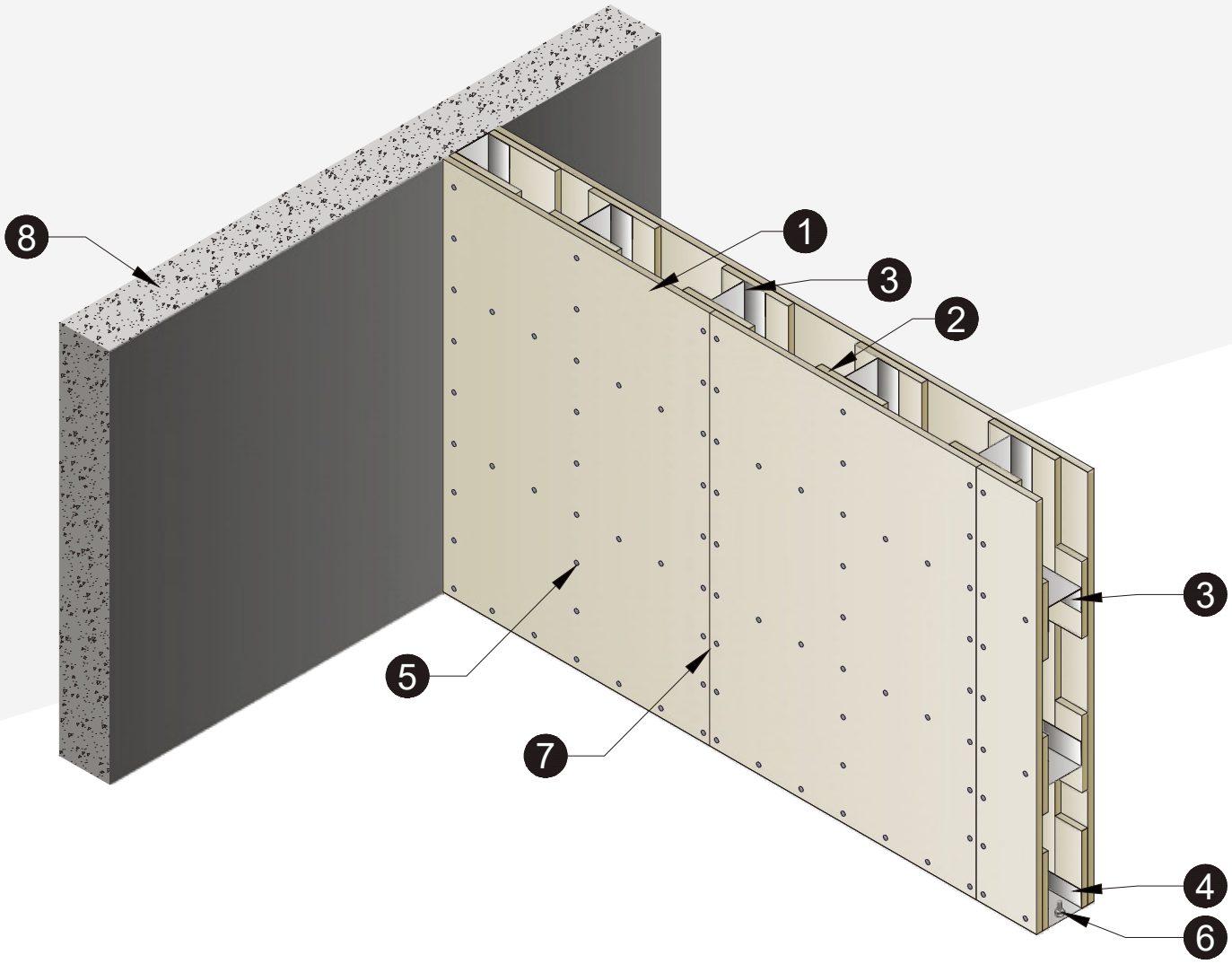
Technical Data :

1. Wins H-Tec Fire Protection Panel, 9mm thick
2. Wins H-Tec Fire Protection Panel Fillet, 9mm thick, 100mm width
3. Steel stud channel 32x50x32x0.5mm thick, @610mm c/c
4. Ceiling floor perimeter steel channel 24x50x24x0.5mm
5. M4 Self-tapping screw, @200mm c/c
6. M6 steel anchor bolt, @610mm c/c
7. Board Joint, sealed with fire retardant sealant
8. Wall
9. Access Panel (any panel surface) (optional)

WINS H-TEC FIRE PROTECTION PANEL

9 mm Non-Loadbearing partition System

4 HOURS FIRE RESISTANCE RATING, INTEGRITY IN ACCORDANCE WITH BS EN 1364-1:2015



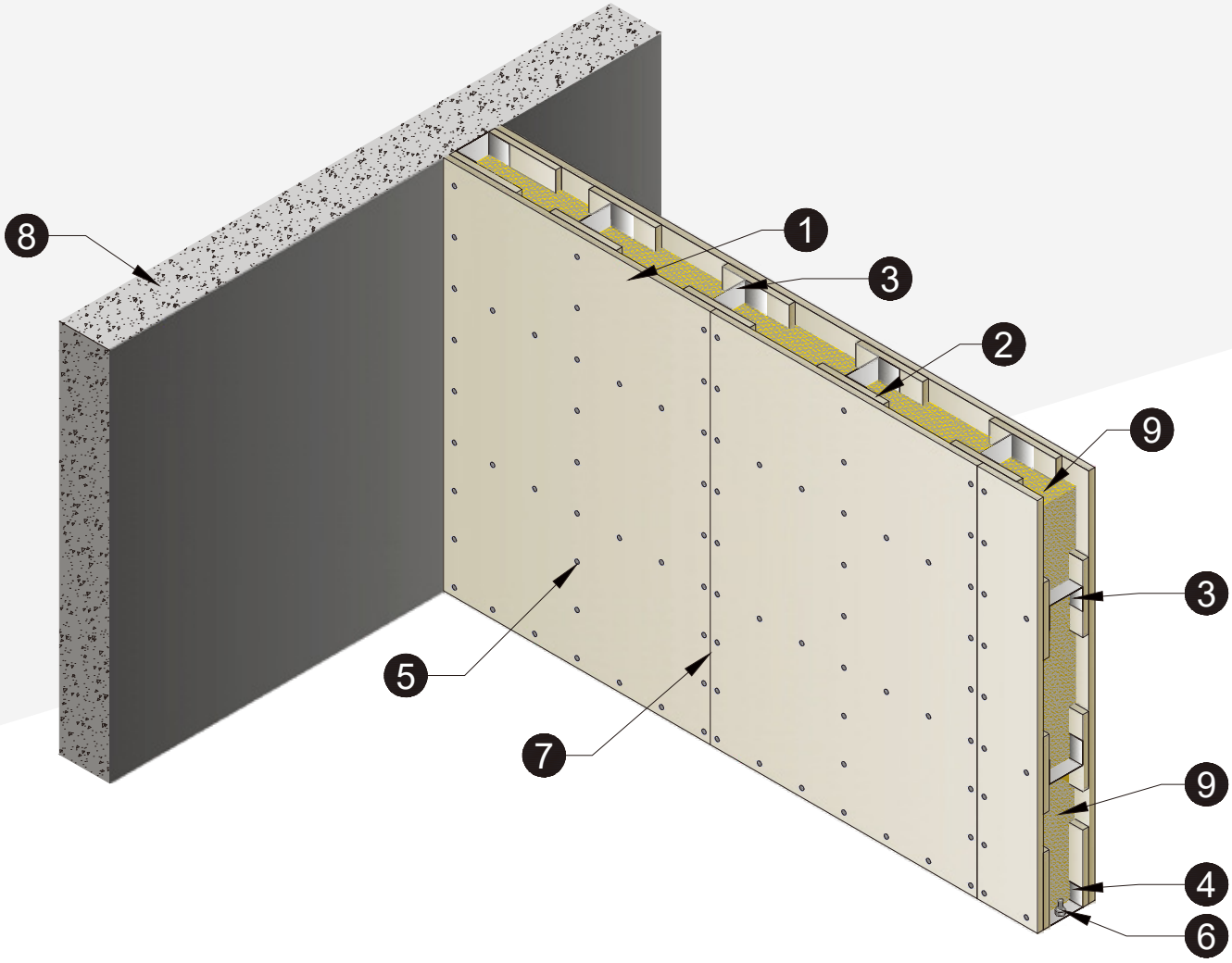
Technical Data :

1. Wins H-Tec Fire Protection Panel, 9mm thick
2. Wins H-Tec Fire Protection Panel Fillet, 9mm thick, 100mm width
3. Steel stud channel 32x50x32x0.5mm thick, @610mm c/c
4. Ceiling floor perimeter steel channel 24x50x24x0.5mm
5. M4 Self-tapping screw, @200mm c/c
6. M6 steel anchor bolt, @610mm c/c
7. Board Joint, sealed with fire retardant sealant
8. Wall

WINS H-TEC FIRE PROTECTION PANEL

9 mm Non-Loadbearing partition System

4 HOURS FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1364-1:1999



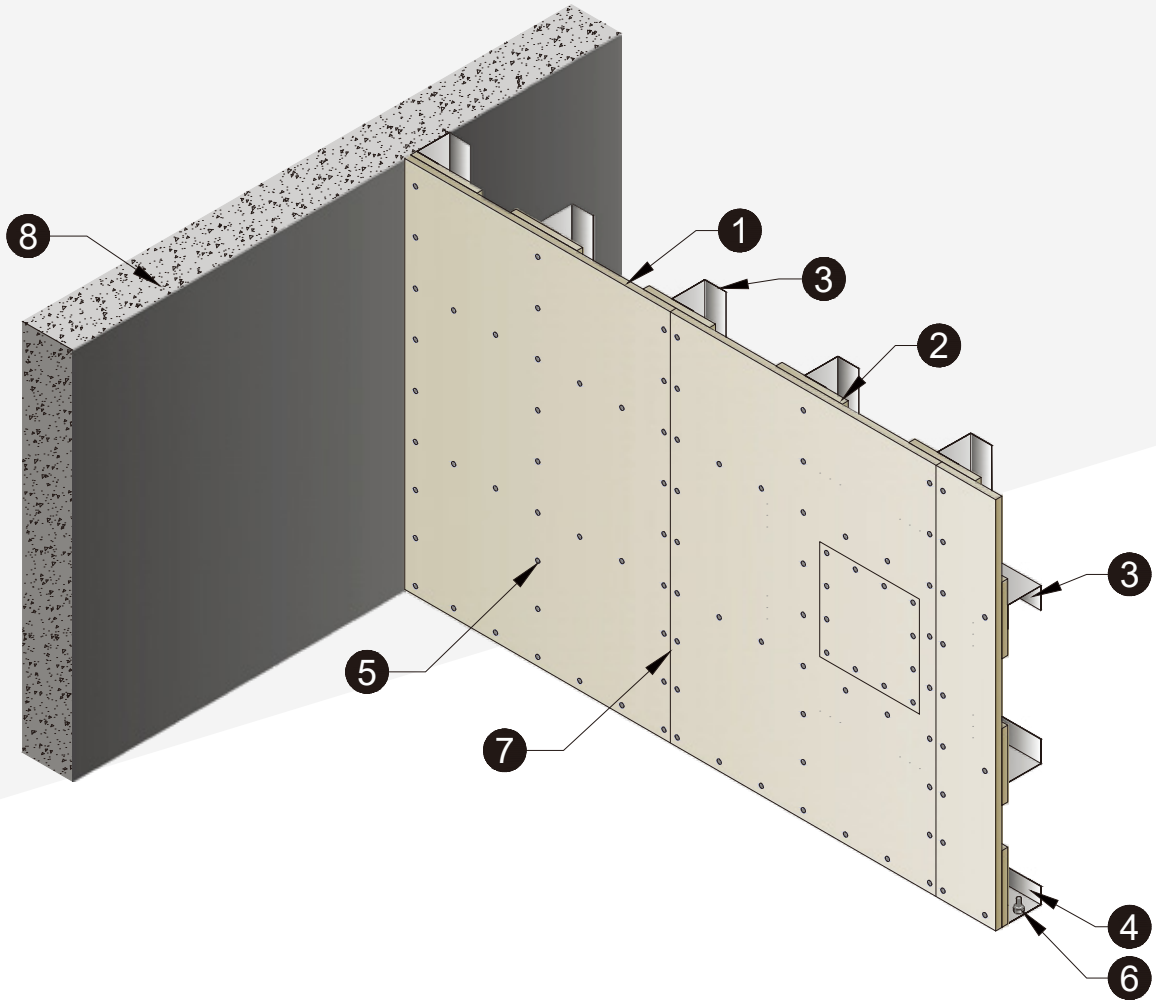
Technical Data :

1. Wins H-Tec Fire Protection Panel, 9mm thick
2. Wins H-Tec Fire Protection Panel Fillet, 9mm thick, 100mm width
3. Steel stud channel 32x50x32x0.5mm thick, @610mm c/c
4. Ceiling floor perimeter steel channel 24x50x24x0.5mm
5. M4 Self-tapping screw, @200mm c/c
6. M6 steel anchor bolt, @610mm c/c
7. Board Joint, sealed with fire retardant sealant
8. Wall
9. Rock wool density 80kg/m^3 by 50mm thick

WINS H-TEC FIRE PROTECTION PANEL

12 mm Non-Loadbearing partition System

4 HOURS FIRE RESISTANCE RATING, INTEGRITY IN ACCORDANCE WITH BS EN 1364-1:2015



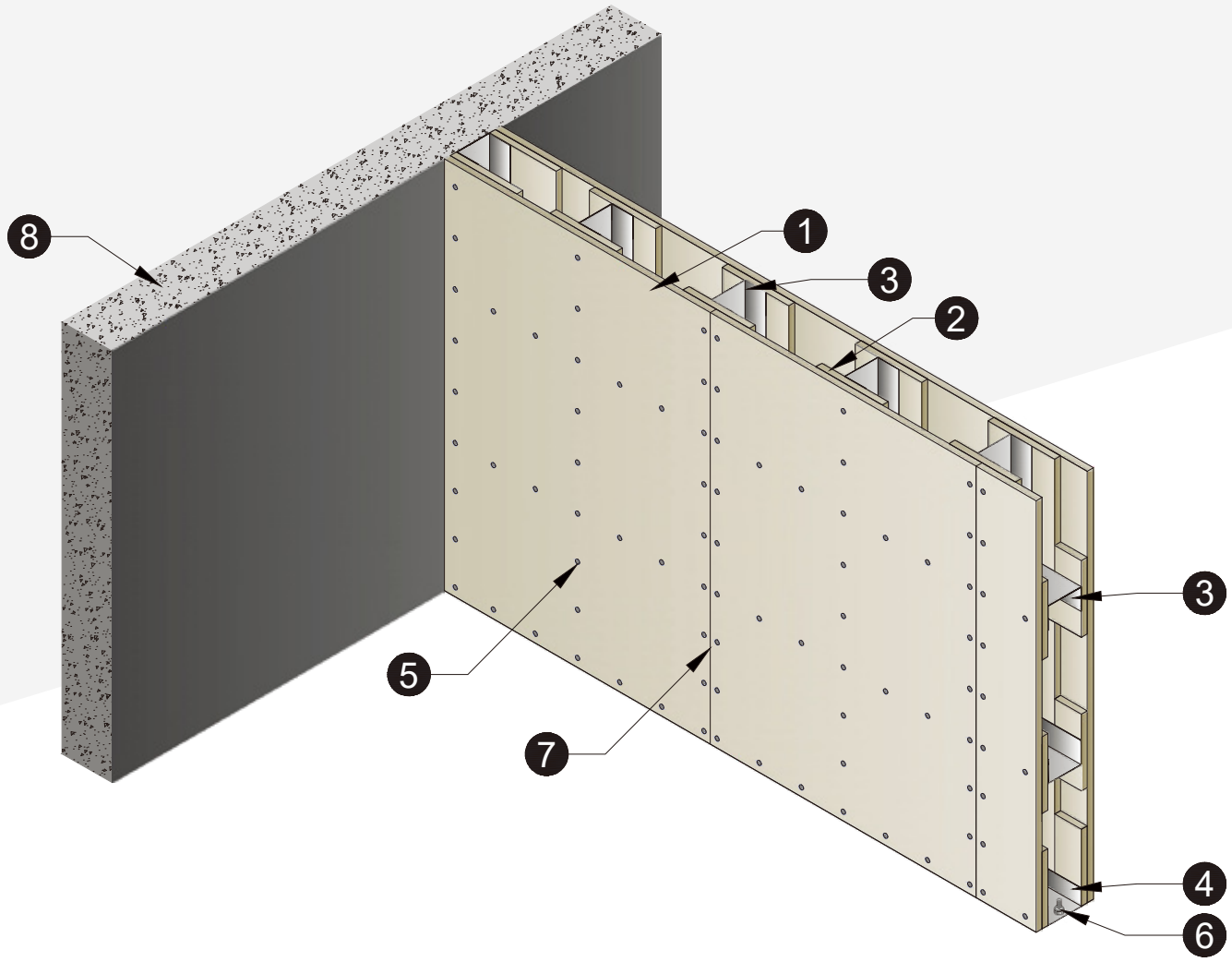
Technical Data :

1. Wins H-Tec Fire Protection Panel, 12mm thick
2. Wins H-Tec Fire Protection Panel Fillet, 12mm thick, 100mm width
3. Steel stud channel 32x50x32x0.5mm thick, @610mm c/c
4. Ceiling floor perimeter steel channel 24x50x24x0.5mm
5. M4 Self-tapping screw, @200mm c/c
6. M6 steel anchor bolt, @610mm c/c
7. Board Joint, sealed with fire retardant sealant
8. Wall

WINS H-TEC FIRE PROTECTION PANEL

12 mm Non-Loadbearing partition System

4 HOURS FIRE RESISTANCE RATING, INTEGRITY IN ACCORDANCE WITH BS EN 1364-1:2015



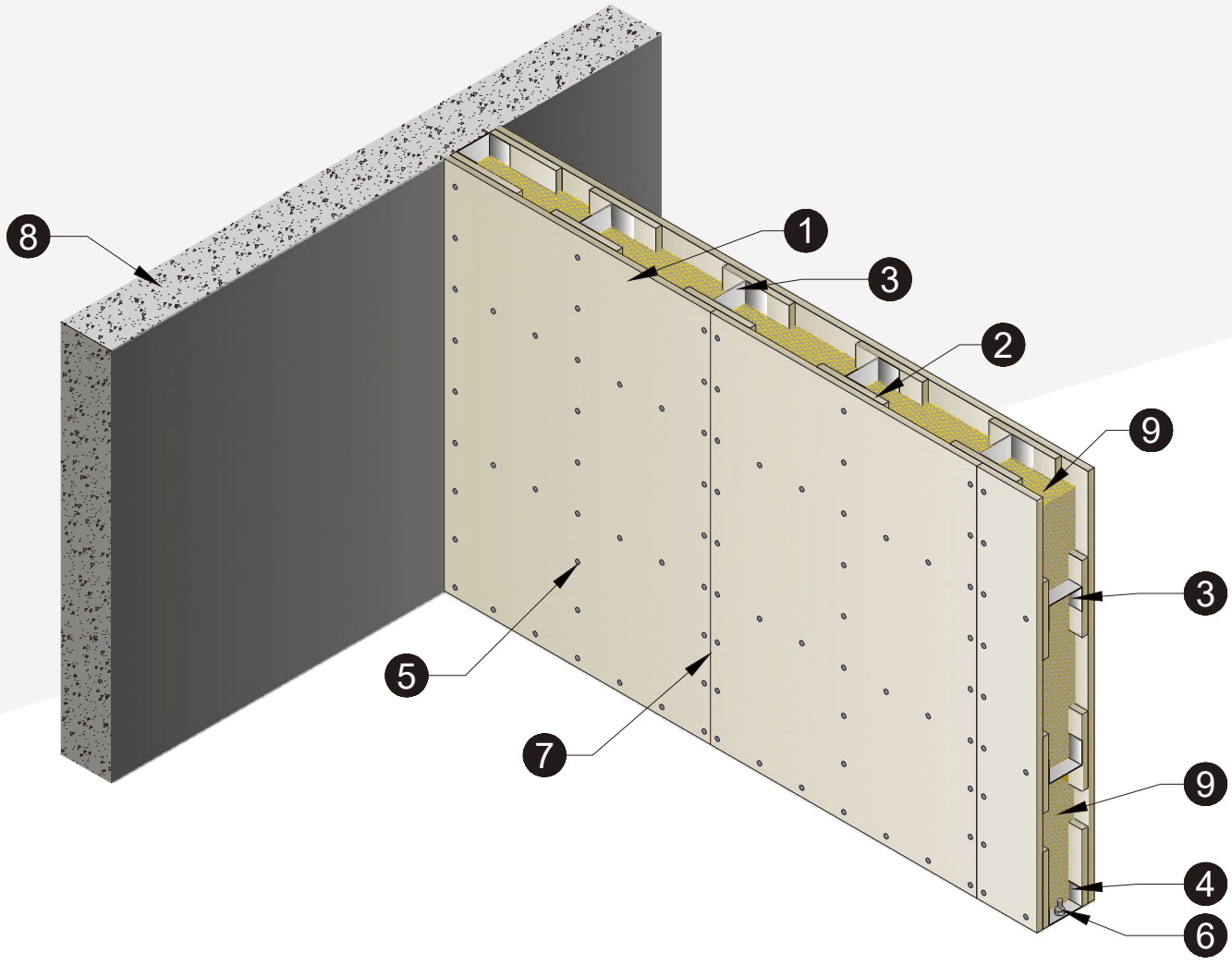
Technical Data :

1. Wins H-Tec Fire Protection Panel, 12mm thick
2. Wins H-Tec Fire Protection Panel Fillet, 12mm thick, 100mm width
3. Steel stud channel 32x50x32x0.5mm thick, @610mm c/c
4. Ceiling floor perimeter steel channel 24x50x24x0.5mm
5. M4 Self-tapping screw, @200mm c/c
6. M6 steel anchor bolt, @610mm c/c
7. Board Joint, sealed with fire retardant sealant
8. Wall

WINS H-TEC FIRE PROTECTION PANEL

12 mm Non-Loadbearing partition System

4 HOURS FIRE RESISTANCE RATING, INTEGRITY AND ISULATION IN ACCORDANCE WITH BS EN 1364-1:1999



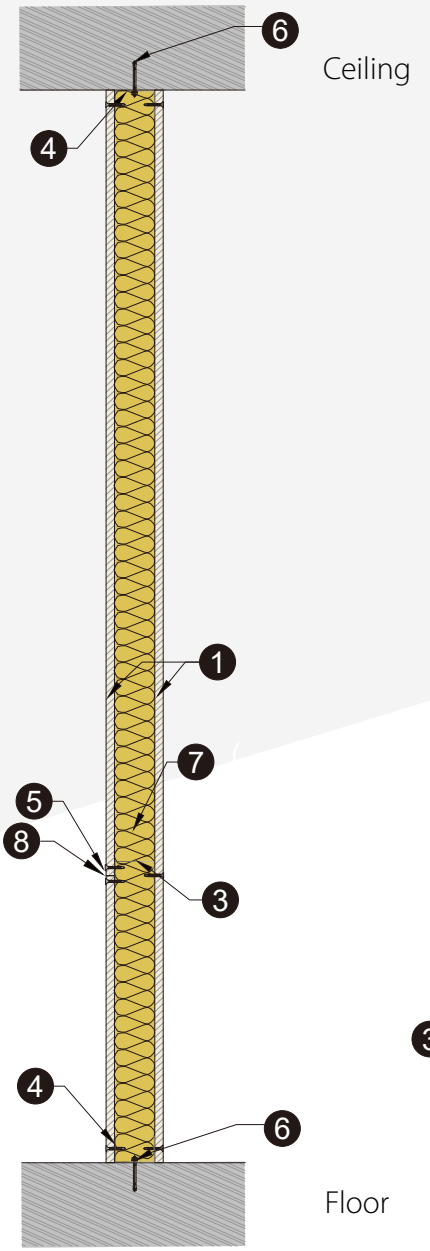
Technical Data :

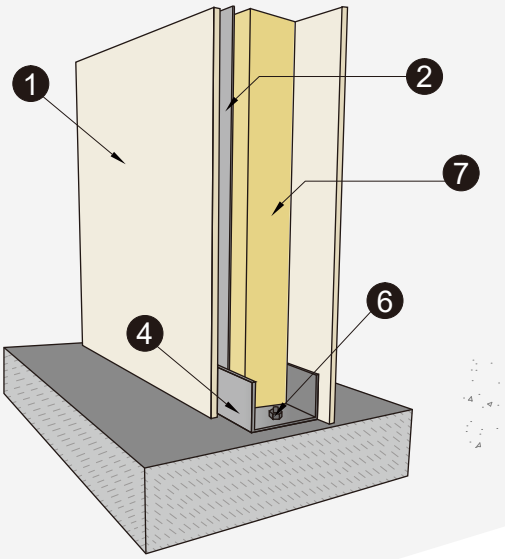
1. Wins H-Tec Fire Protection Panel, 12mm thick
2. Wins H-Tec Fire Protection Panel Fillet, 12mm thick, 100mm width
3. Steel stud channel 32x50x32x0.5mm thick, @610mm c/c
4. Ceiling floor perimeter steel channel 24x50x24x0.5mm
5. M4 Self-tapping screw, @200mm c/c
6. M6 steel anchor bolt, @610mm c/c
7. Board Joint, sealed with fire retardant sealant
8. Wall
9. Rock wool density 80kg/m^3 by 50mm thick

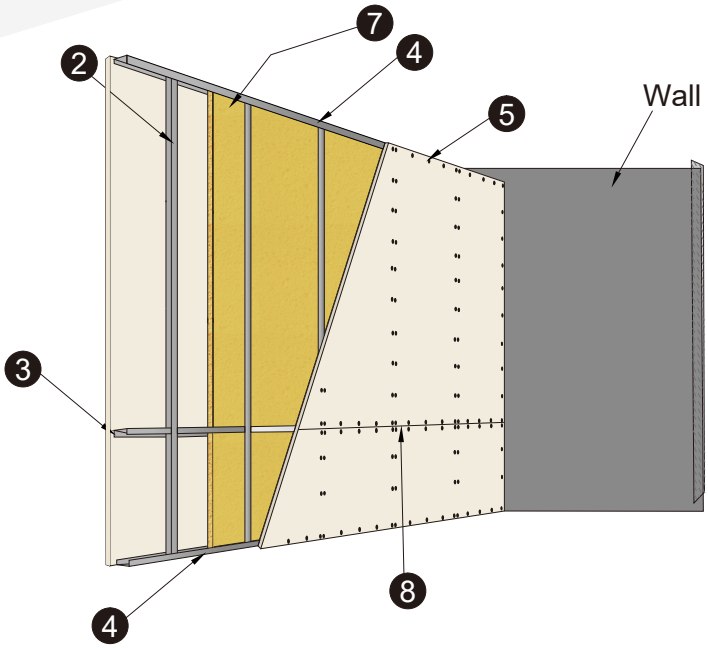
H-TEC FIRE PROTECTION PANEL

9 mm Non-Loadbearing Partition System Height up to 13m

2 HOURS FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1363-1:2020 AND BS EN 1364-1:2015







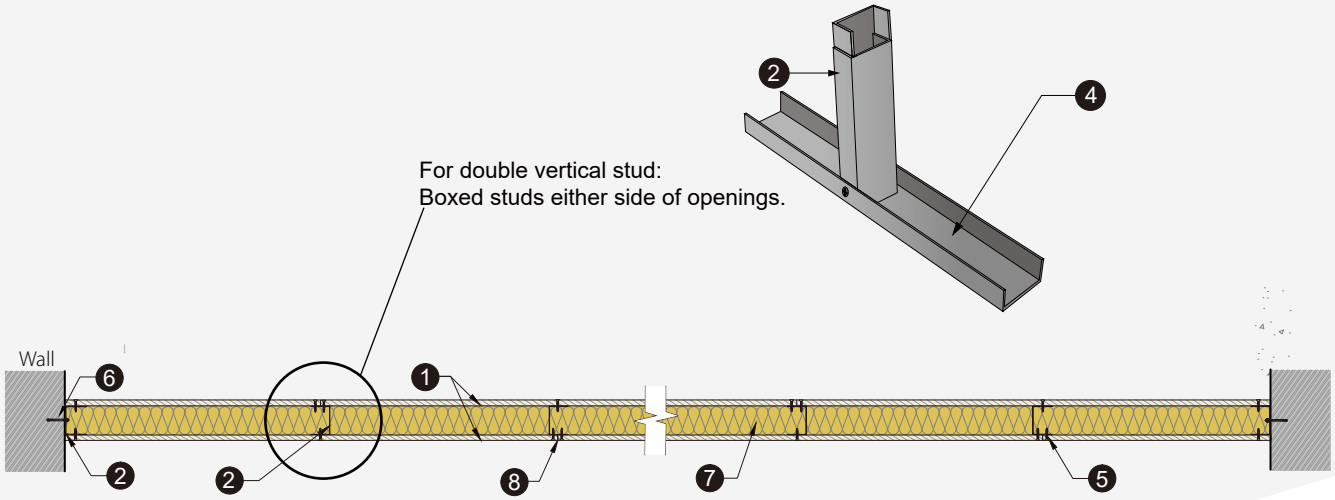
Technical Data :

1. Wins H-Tec Fire Protection Panel (Calcium Silicate), 9mm thick
2. Vertical stud
3. Horizontal nogging at all board joints
4. Ceiling & Floor steel channel
5. M4 Self-tapping screw, @200mm c/c
6. M6 anchor bolt, @800mm c/c
7. Rock wool, 80kg/m³, 50mm thick
8. All board joints, gaps sealed with fire retardant sealant

H-TEC FIRE PROTECTION PANEL

9 mm Non-Loadbearing Partition System Height up to 13m

2 HOURS FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1363-1:2020 AND BS EN 1364-1:2015



Maximum Partition Height (mm)	Stud Space (mm)	Stud Depth (mm)	Minimum Stud Thickness (mm)	Maximum partition thickness (mm)	Top track (mm)
6120	610	100	0.8	120	102 x 40 x 0.8
8100	610	150	0.8	170	152 x 40 x 0.8
10170	305	150	0.8	170	152 x 40 x 0.8
8730	610	150	1.0	170	152 x 40 x 0.8
10980	305	150	1.0	170	152 x 40 x 0.8
10170	610	2-150	0.8	171	153 x 40 x 0.8
12870	305	2-150	0.8	171	153 x 40 x 0.8
12870	610	2-150	1.0	171	153 x 40 x 0.8
13860	305	2-150	1.0	171	153 x 40 x 0.8

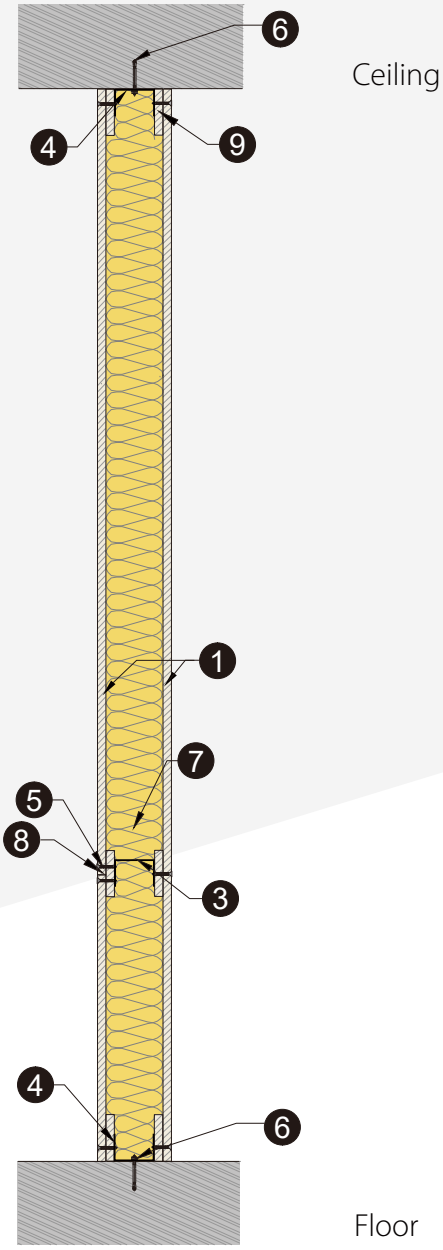
Technical Data :

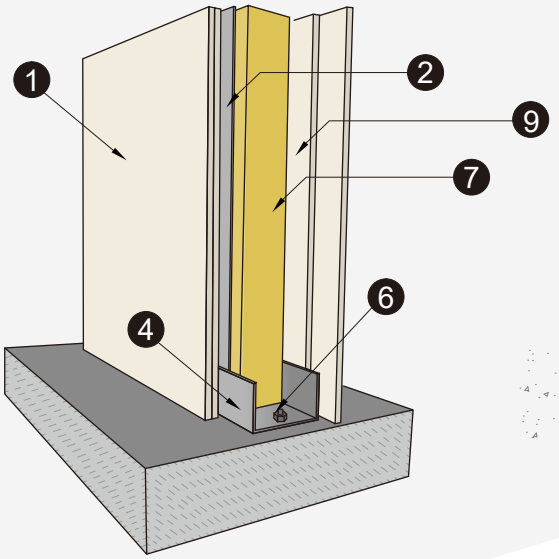
1. Wins H-Tec Fire Protection Panel (Calcium Silicate), 9mm thick
2. Vertical stud
3. Horizontal nogging at all board joints
4. Ceiling & Floor steel channel
5. M4 Self-tapping screw, @200mm c/c
6. M6 anchor bolt, @800mm c/c
7. Rock wool, 80kg/m³, 50mm thick
8. All board joints, gaps sealed with fire retardant sealant

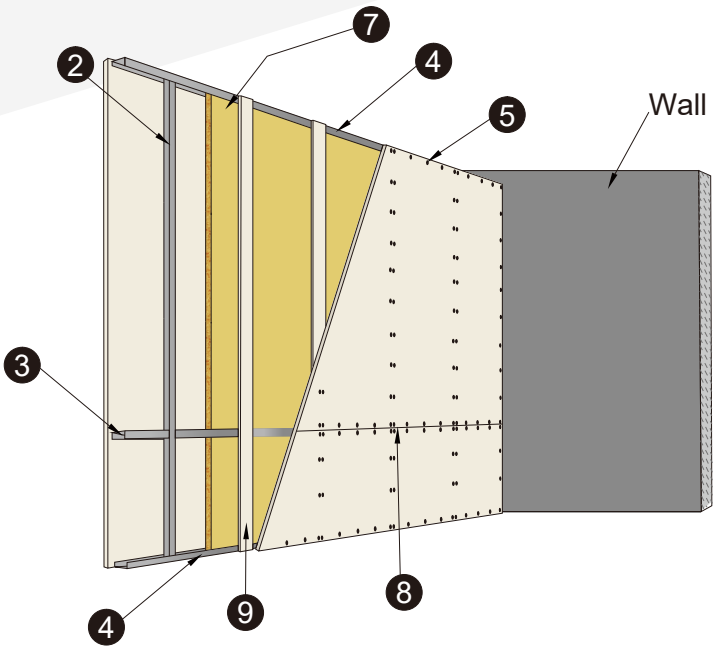
H-TEC FIRE PROTECTION PANEL

9 mm Non-Loadbearing Partition System Height up to 13m

4 HOURS FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1363-1:2020 AND BS EN 1364-1:2015







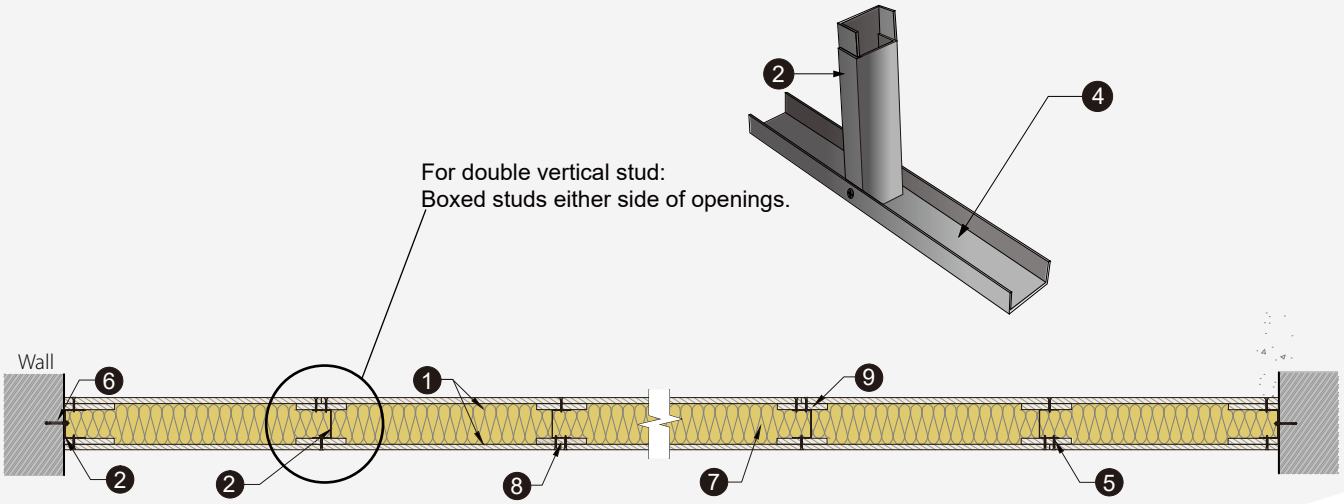
Technical Data :

1. Wins H-Tec Fire Protection Panel (Calcium Silicate), 9mm thick
2. Vertical stud
3. Horizontal nogging at all board joints
4. Ceiling & Floor steel channel
5. M4 Self-tapping screw, @200mm c/c
6. M6 anchor bolt, @800mm c/c
7. Rock wool, 80kg/m³, 50mm thick
8. All board joints, gaps sealed with fire retardant sealant
9. Wins H-Tec Fire Protection Fillet (Calcium Silicate), 9mm thick 100mm width

H-TEC FIRE PROTECTION PANEL

9 mm Non-Loadbearing Partition System Height up to 13m

4 HOURS FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1363-1:2020 AND BS EN 1364-1:2015



Maximum Partition Height (mm)	Stud Space (mm)	Stud Depth (mm)	Minimum Stud Thickness (mm)	Maximum partition thickness (mm)	Top track (mm)
6120	610	100	0.8	120	102 x 40 x 0.8
8100	610	150	0.8	170	152 x 40 x 0.8
10170	305	150	0.8	170	152 x 40 x 0.8
8730	610	150	1.0	170	152 x 40 x 0.8
10980	305	150	1.0	170	152 x 40 x 0.8
10170	610	2-150	0.8	171	153 x 40 x 0.8
12870	305	2-150	0.8	171	153 x 40 x 0.8
12870	610	2-150	1.0	171	153 x 40 x 0.8
13860	305	2-150	1.0	171	153 x 40 x 0.8

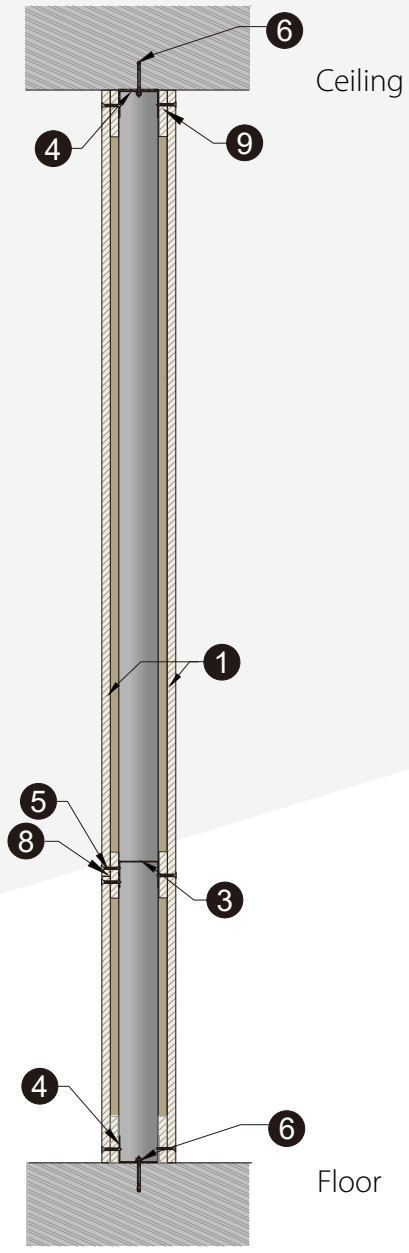
Technical Data :

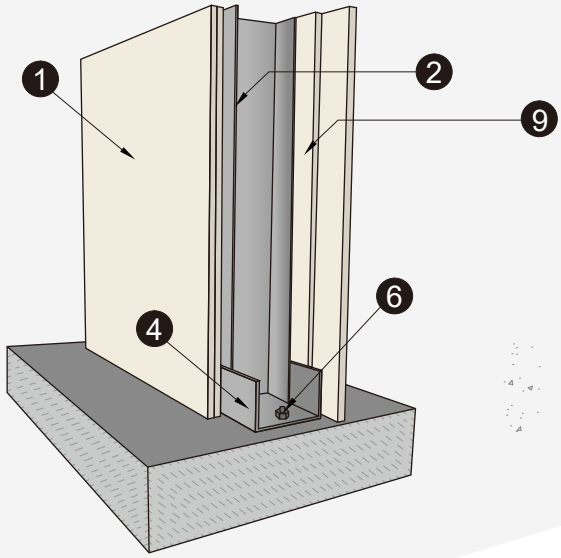
1. Wins H-Tec Fire Protection Panel (Calcium Silicate), 9mm thick
2. Vertical stud
3. Horizontal nogging at all board joints
4. Ceiling & Floor steel channel
5. M4 Self-tapping screw, @200mm c/c
6. M6 anchor bolt, @800mm c/c
7. Rock wool, 80kg/m³, 50mm thick
8. All board joints, gaps sealed with fire retardant sealant
9. Wins H-Tec Fire Protection Fillet (Calcium Silicate), 9mm thick 100mm width

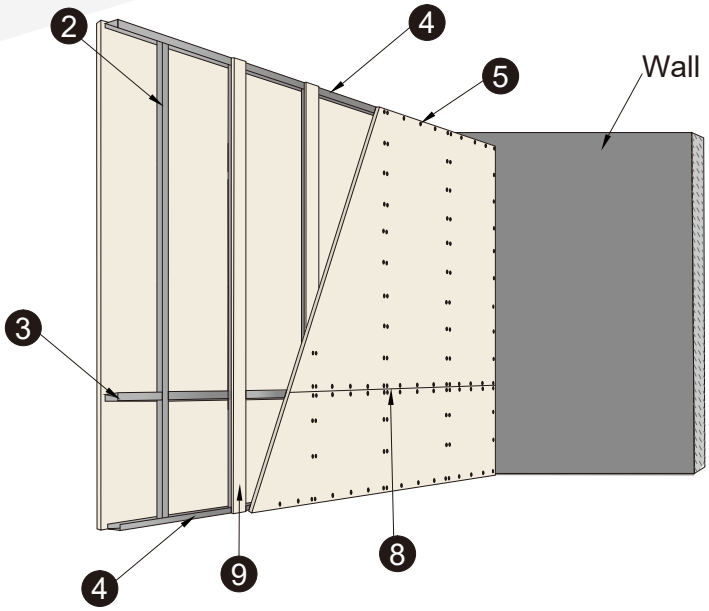
H-TEC FIRE PROTECTION PANEL

9 mm Non-Loadbearing Partition System Height up to 13m

4 HOURS FIRE RESISTANCE RATING, INTEGRITY IN ACCORDANCE WITH BS EN 1363-1:2020 AND BS EN 1364-1:2015







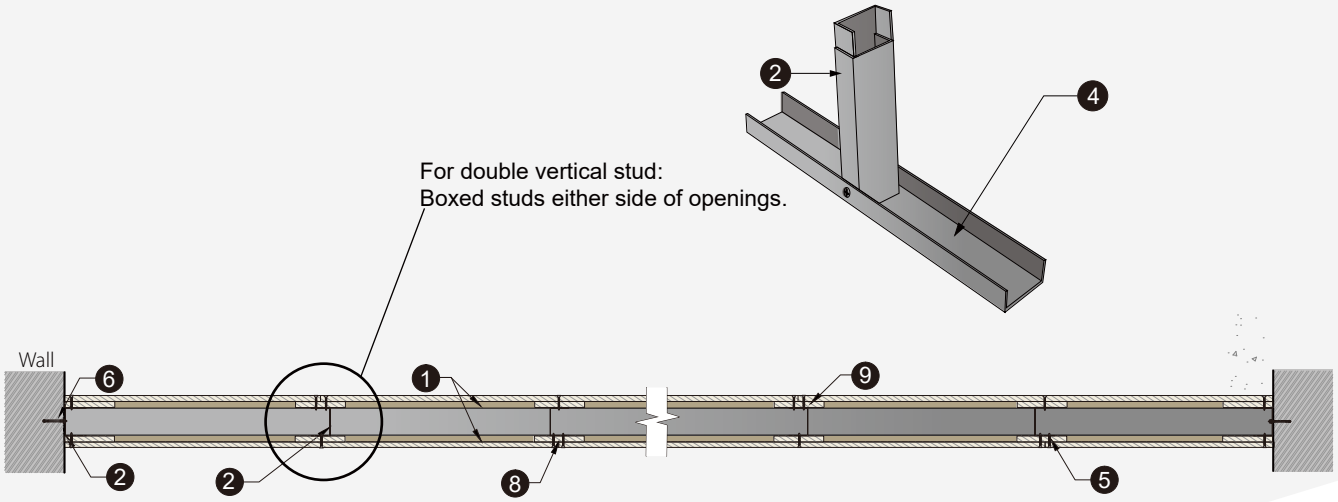
Technical Data :

1. Wins H-Tec Fire Protection Panel (Calcium Silicate), 9mm thick
2. Vertical stud
3. Horizontal nogging at all board joints
4. Ceiling & Floor steel channel
5. M4 Self-tapping screw, @200mm c/c
6. M6 anchor bolt, @800mm c/c
7. Rock wool, 80kg/m³, 50mm thick
8. All board joints, gaps sealed with fire retardant sealant
9. Wins H-Tec Fire Protection Fillet (Calcium Silicate), 9mm thick 100mm width

H-TEC FIRE PROTECTION PANEL

9 mm Non-Loadbearing Partition System Height up to 13m

4 HOURS FIRE RESISTANCE RATING, INTEGRITY IN ACCORDANCE WITH BS EN 1363-1:2020 AND BS EN 1364-1:2015



Maximum Partition Height (mm)	Stud Space (mm)	Stud Depth (mm)	Minimum Stud Thickness (mm)	Maximum partition thickness (mm)	Top track (mm)
6120	610	100	0.8	138	102 x 40 x 0.8
8100	610	150	0.8	188	152 x 40 x 0.8
10170	305	150	0.8	188	152 x 40 x 0.8
8730	610	150	1.0	188	152 x 40 x 0.8
10980	305	150	1.0	188	152 x 40 x 0.8
10170	610	2-150	0.8	189	153 x 40 x 0.8
12870	305	2-150	0.8	189	153 x 40 x 0.8
12870	610	2-150	1.0	189	153 x 40 x 0.8
13860	305	2-150	1.0	189	153 x 40 x 0.8

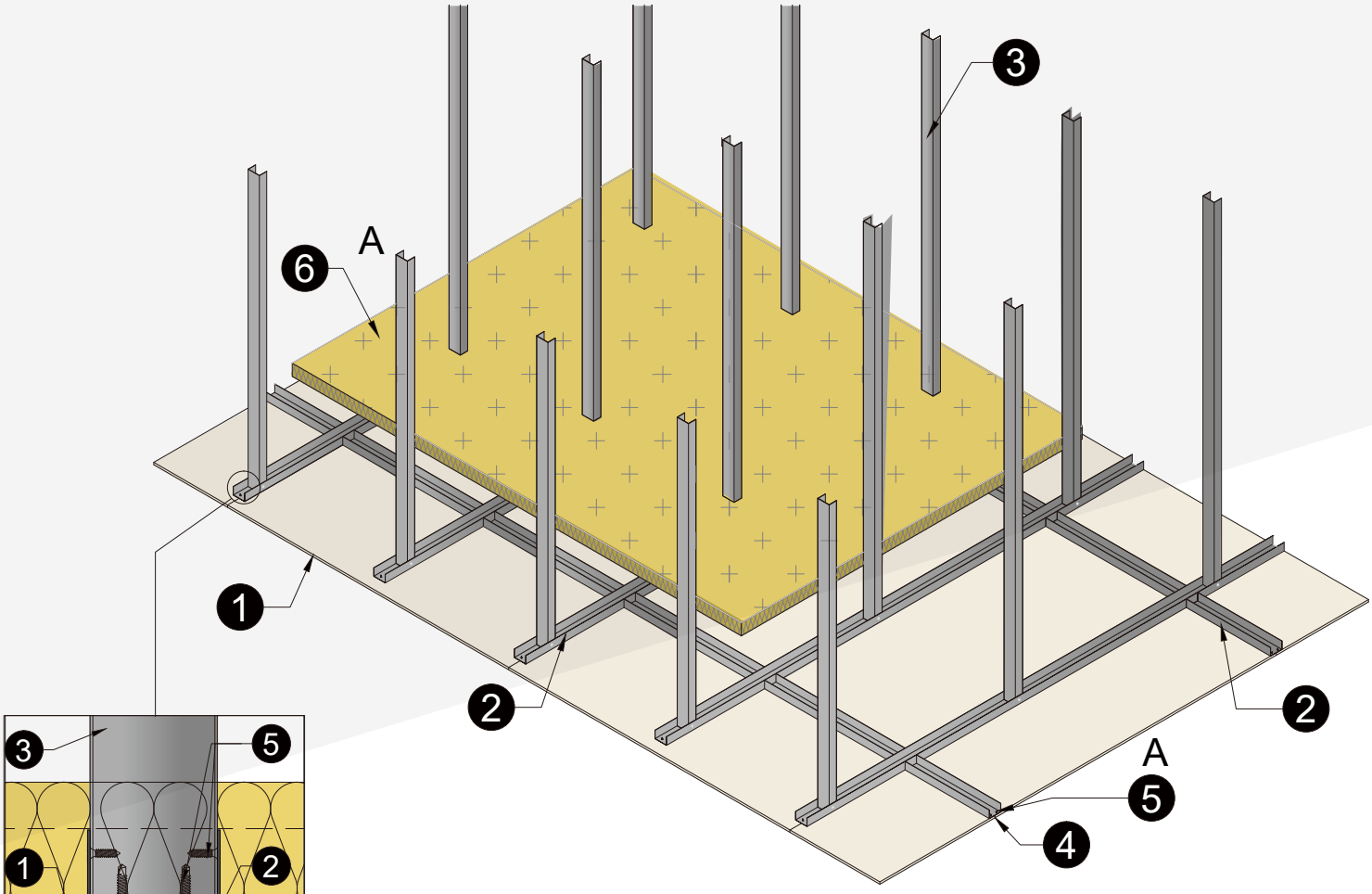
Technical Data :

1. Wins H-Tec Fire Protection Panel (Calcium Silicate), 9mm thick
2. Vertical stud
3. Horizontal nogging at all board joints
4. Ceiling & Floor steel channel
5. M4 Self-tapping screw, @200mm c/c
6. M6 anchor bolt, @800mm c/c
7. Rock wool, 80kg/m³, 50mm thick
8. All board joints, gaps sealed with fire retardant sealant
9. Wins H-Tec Fire Protection Fillet (Calcium Silicate), 9mm thick 100mm width

H-TEC FIRE PROTECTION PANEL

9mm Non-Loadbearing Ceiling System

1 HOUR FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1364-2:2018



FIXING DETAIL

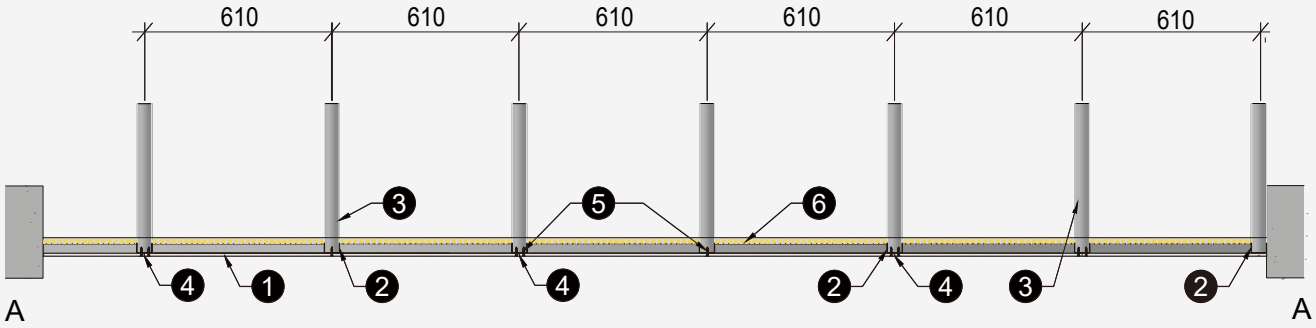
Technical Data:

1. Wins H-Tec fire protection panel 9mm thick
2. Steel C-Channel at 610mm BY 813 mm centres
   32x50x32x0.6mm thick
3. Hanger C-Channel
   32x48x32x0.6mm thick
4. Board joints, all gaps sealed with intumescent sealant
5. M4 Self Tapping Screws
6. Rockwool 100kg/m^3 x 50mm thick

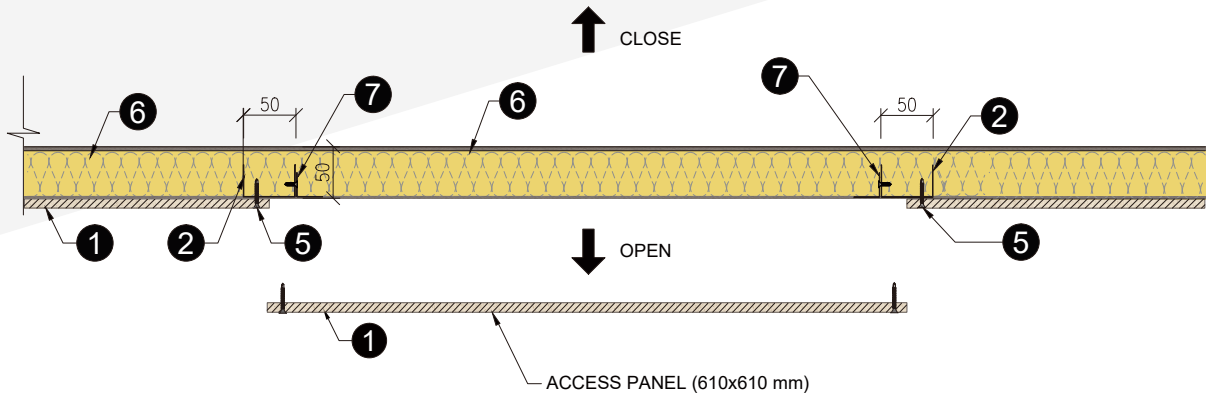
H-TEC FIRE PROTECTION PANEL

9mm Non-Loadbearing Ceiling System

1 HOUR FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1364-2:2018



HORIZONTAL SECTION



WINS ACCESS PANEL

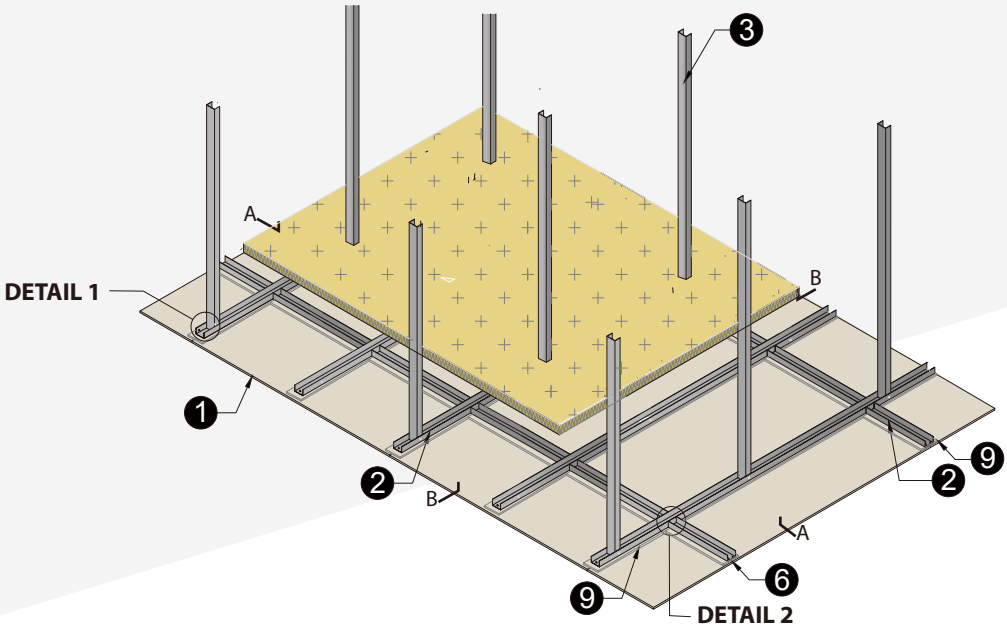
Technical Data:

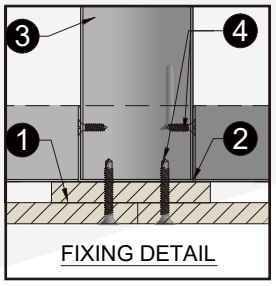
1. Wins H-Tec fire protection panel 9mm thick
2. Steel C-Channel at 610mm by 813mm Centres 32x50x32x0.6mm thick
3. Hanger- steel C-Channel 25x50x25x0.6mm thick
4. Board joints, all gaps sealed with intumescent sealant
5. M4 Self tapping screws at normal 200mm centres
6. Rockwool 100kg/m^3 x 50mm thick
7. Ceiling opening, stiffener galvanised steel angle 25x25x0.6mm thick

WINS H-TEC FIRE PROTECTION PANEL

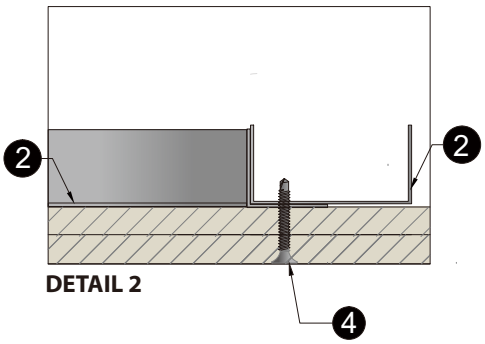
9mm Non-Loadbearing Suspension Ceiling System

2 HOURS FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1364-2: 2015 AND BS EN 1363-1:2020





DETAIL 1



DETAIL 2

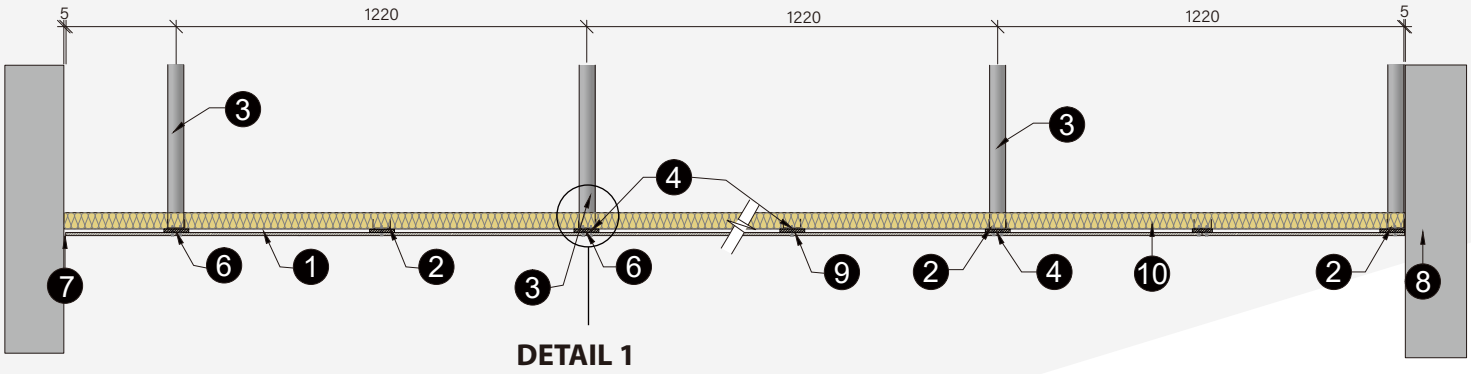
Technical Data:

1. WINS H-Tec fire protection panel (Calcium Silicate), 9mm thick
2. Steel C-Channel @ 610mm by 813mm
   32 x 50 x 32 x 0.5mm thick
3. Hanger steel stud
   32 x 50 x 32 x 0.6mm thick @1220mm x 1220mm max.
4. Self-tapping screws
   @ nominal 200mm C/C
5. Wins Access Panel
   610mm x 813 mm x 9mm thick
6. Board joints, all gap sealed with intumescent sealant
7. Free edge 5mm max. sealed with Fire rated Sealant.
8. Side wall
9. Wins H-Tec Fire Protection Fillet (Calcium Silicate), 100mm wide, 9mm thick
10. Rockwool 50mm thick, 100Kg/m^3
11. Steel angle
    25 x 25 x 0.5mm thick

WINS H-TEC FIRE PROTECTION PANEL

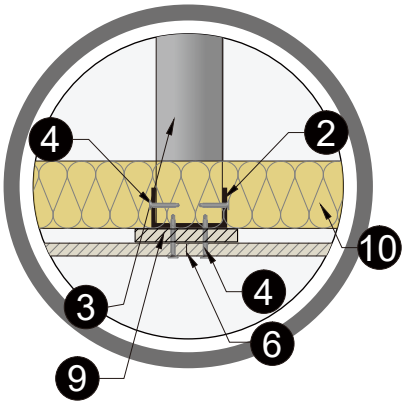
9mm Non-Loadbearing Suspension Ceiling System

2 HOURS FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1364-2: 2015 AND BS EN 1363-1:2020



DETAIL 1

SECTION A-A



DETAIL 1

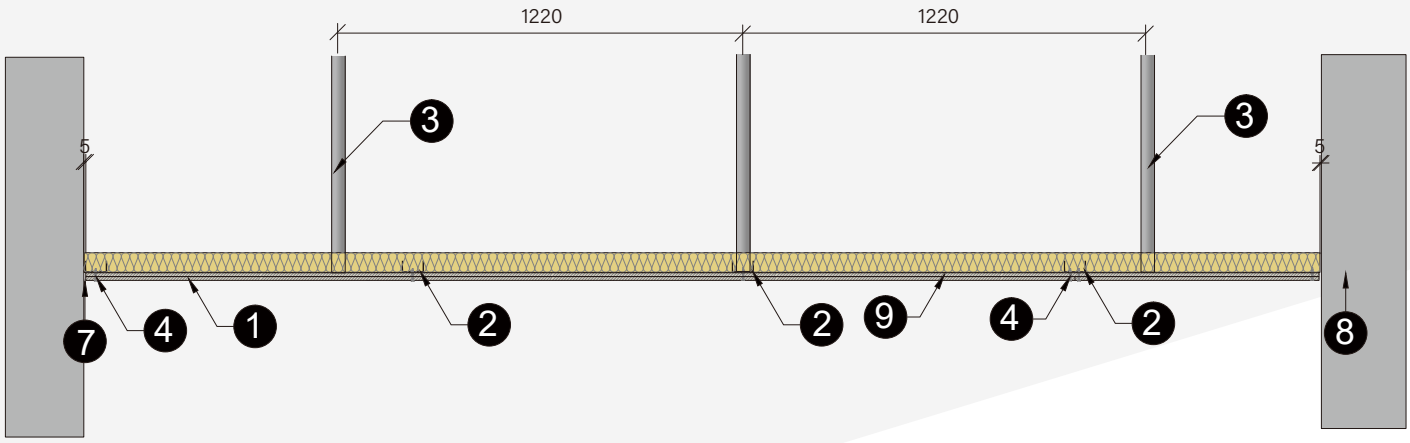
Technical Data:

1. WINS H-Tec fire protection panel (Calcium Silicate), 9mm thick
2. Steel C-Channel @ 610mm by 813mm
   32 x 50 x 32 x 0.5mm thick
3. Hanger steel stud
   32 x 50 x 32 x 0.6mm thick @1220mm x 1220mm max.
4. Self-tapping screws
   @ nominal 200mm C/C
5. Wins Access Panel
   610mm x 813 mm x 9mm thick
6. Board joints, all gap sealed with intumescent sealant
7. Free edge 5mm max. sealed with Fire rated Sealant.
8. Side wall
9. Wins H-Tec Fire Protection Fillet (Calcium Silicate), 100mm wide, 9mm thick
10. Rockwool 50mm thick, 100Kg/m^3

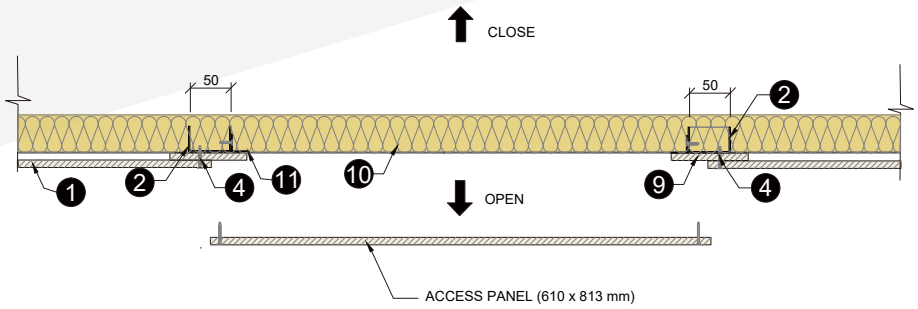
WINS H-TEC FIRE PROTECTION PANEL

9mm Non-Loadbearing Suspension Ceiling System

2 HOURS FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1364-2: 2015 AND BS EN 1363-1:2020



SECTION B-B



Technical Data:

1 WINS H-Tec fire protection panel (Calcium Silicate), 9mm thick

2 Steel C-Channel @ 610mm by 813mm
32 x 50 x 32 x 0.5mm thick

3 Hanger steel stud
32 x 50 x 32 x 0.6mm thick @1220mm x 1220mm max.

4 Self-tapping screws
@ nominal 200mm C/C

5 Wins Access Panel
610mm x 813 mm x 9mm thick

6 Board joints, all gap sealed with intumescent sealant

7 Free edge 5 mm max. sealed with Fire rated Sealant.

8 Side wall

9 Wins H-Tec Fire Protection Fillet (Calcium Silicate), 100mm wide, 9mm thick

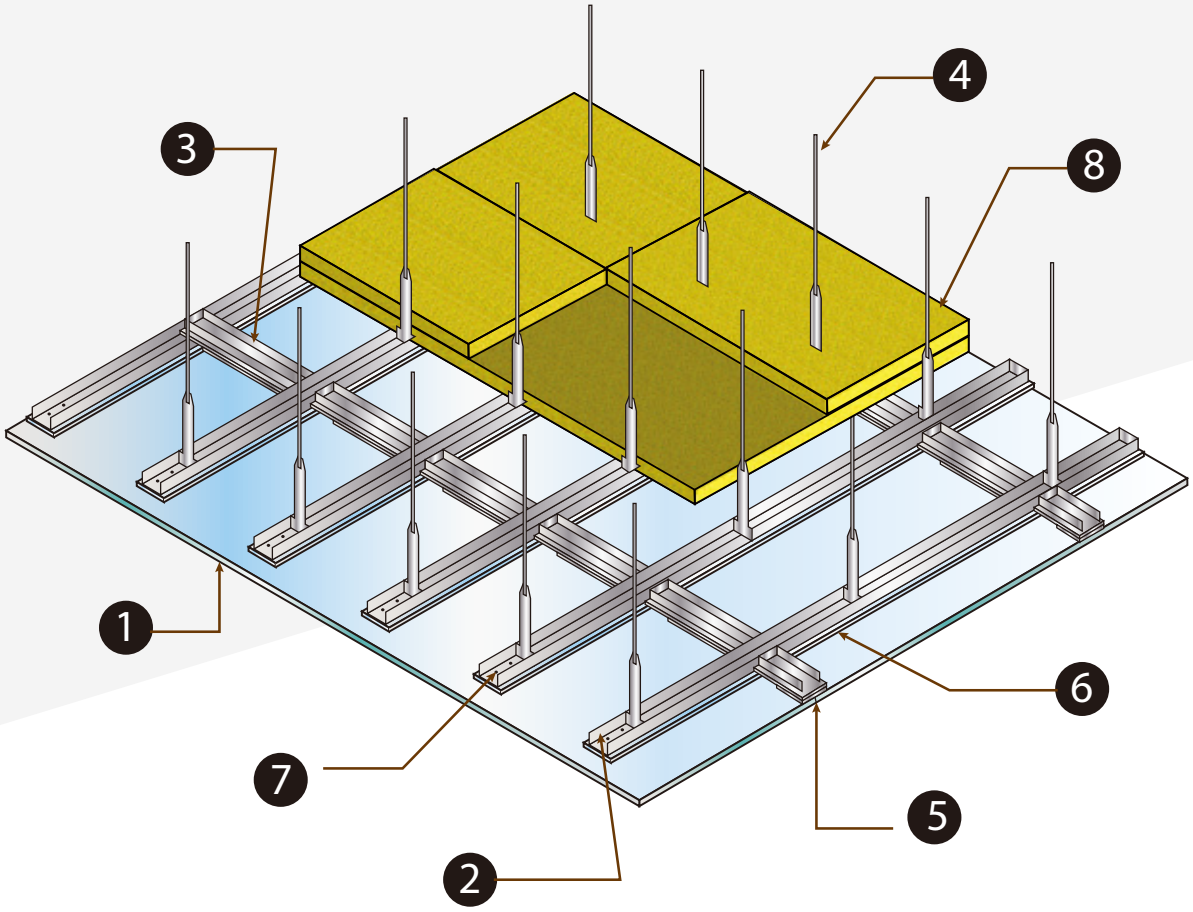
10 Rockwool 50mm thick, 100Kg/m^3

11 Steel angle
25 x 25 x 0.5mm thick

H-TEC FIRE PROTECTION PANEL

9mm Non-Loadbearing Ceiling System

4 HOURS FIRE RESISTANCE RATING, INTERGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1364-2:1999



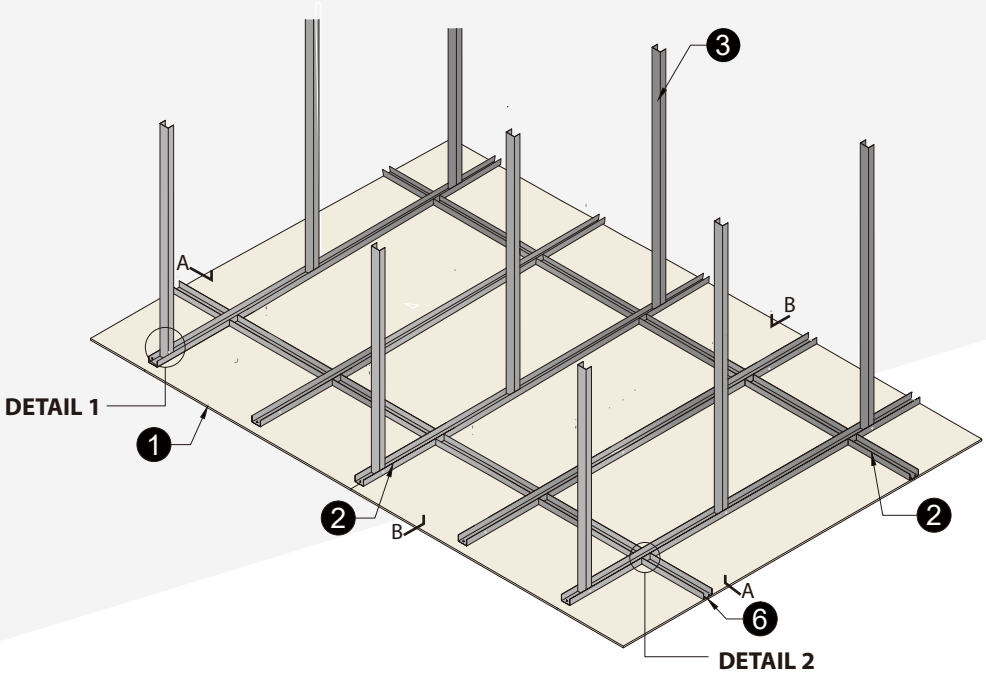
Technical Data:

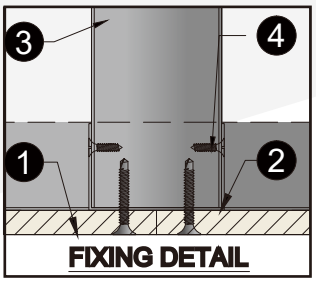
1. wins H-Tec fire protection panel 9mm thick
2. steel C-channel at 610mm spacing 50 x 32 x 0.5mm thick
3. furring channel / perimeter channel 50 x 25 x 0.5mm thick
4. steel wire hanger @ 1000mm c/c
5. Board joints -all gaps sealed by intumescent sealant
6. Wins H-tec fire protection fillet 100mm width 9mm thick
7. Self tapping screws at nominal 200mm centres
8. Rockwool,2 layers of 50mm thick,density 80kg/m^3

WINS H-TEC FIRE PROTECTION PANEL

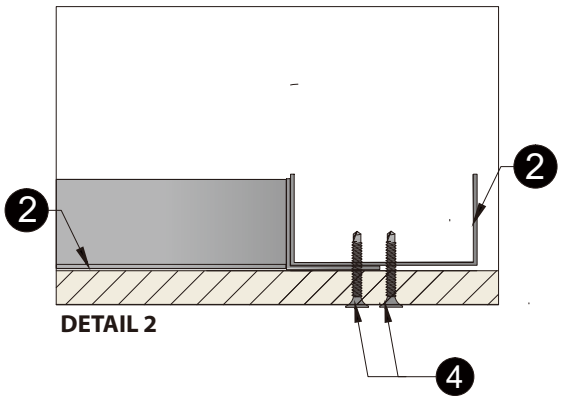
9mm Non-Loadbearing Suspension Ceiling System

1-2 HOURS FIRE RESISTANCE RATING, INTEGRITY
IN ACCORDANCE WITH BS EN 1364-2:2015 AND BS EN 1363-1:2020





DETAIL 1



DETAIL 2

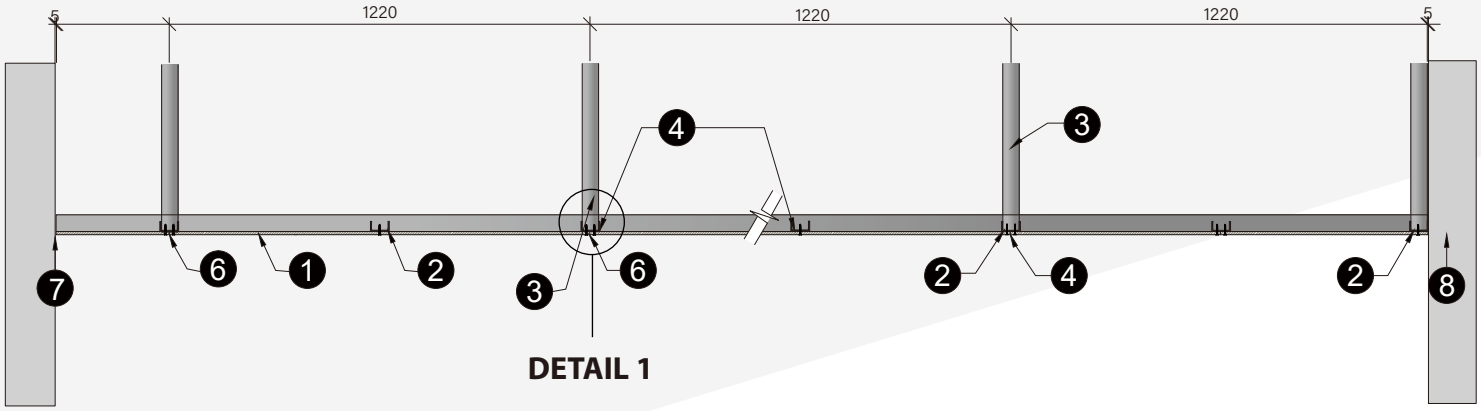
Technical Data:

1. WINS H-Tec Fire Protection Panel, 9mm thick
2. Steel C-Channel at 610mm by 813mm, 32x50x32x0.5mm Thick
3. Hanger Steel Stud, 32x50x32x0.6mm thick at spacing 1220x1220mm max.
4. Self-tapping screw at 200mm centres
5. Wins Access Panel 610mm x 813mm x 9mm
6. Board Joints, all gap sealed with Intumescent Sealant
7. Free Edge 5 mm max. sealed with Fire rated Sealant.
8. Side wall

WINS H-TEC FIRE PROTECTION PANEL

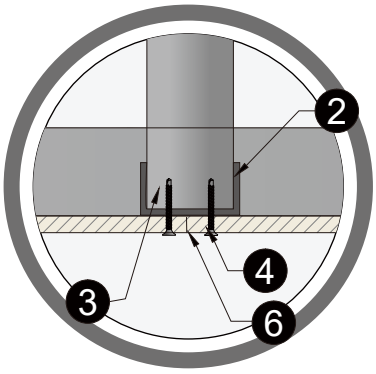
9mm Non-Loadbearing Suspension Ceiling System

1-2 HOURS FIRE RESISTANCE RATING, INTEGRITY
IN ACCORDANCE WITH BS EN 1364-2:2015 AND BS EN 1363-1:2020



DETAIL 1

SECTION A-A



DETAIL 1

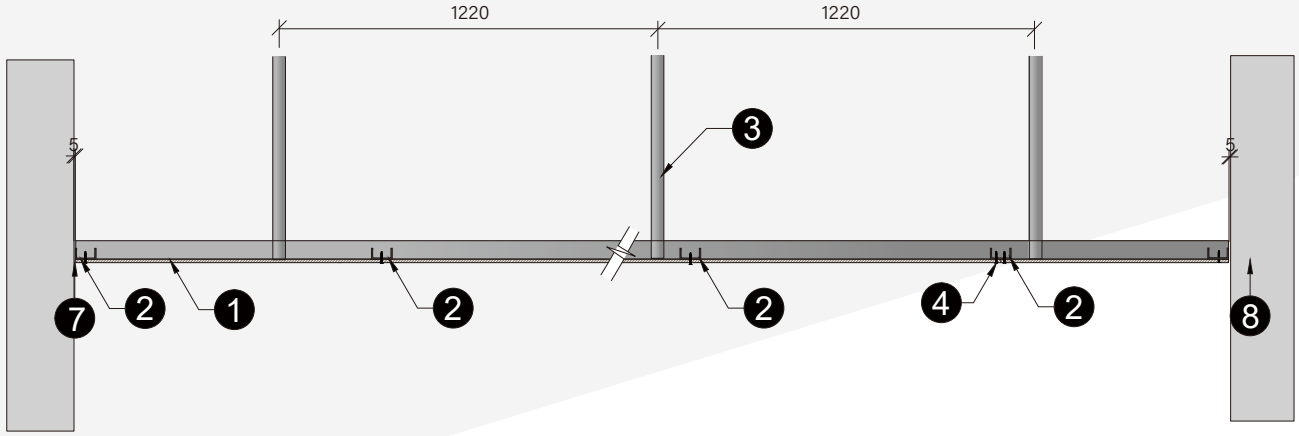
Technical Data:

1. WINS H-Tec Fire Protection Panel, 9mm thick
2. Steel C-Channel at 610mm by 813mm, 32x50x32x0.5mm Thick
3. Hanger Steel Stud, 32x50x32x0.6mm thick at spacing 1220x1220mm max.
4. Self-tapping screw at 200mm centres
5. Wins Access Panel 610mm x 813mm x 9mm
6. Board Joints, all gap sealed with Intumescent Sealant
7. Free Edge 5 mm max. sealed with Fire rated Sealant.
8. Side wall

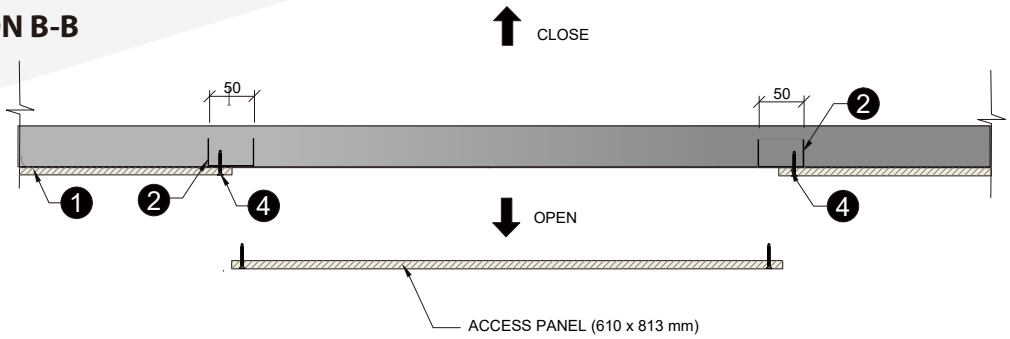
WINS H-TEC FIRE PROTECTION PANEL

9mm Non-Loadbearing Suspension Ceiling System

1-2 HOURS FIRE RESISTANCE RATING, INTEGRITY
IN ACCORDANCE WITH BS EN 1364-2:2015 AND BS EN 1363-1:2020



SECTION B-B



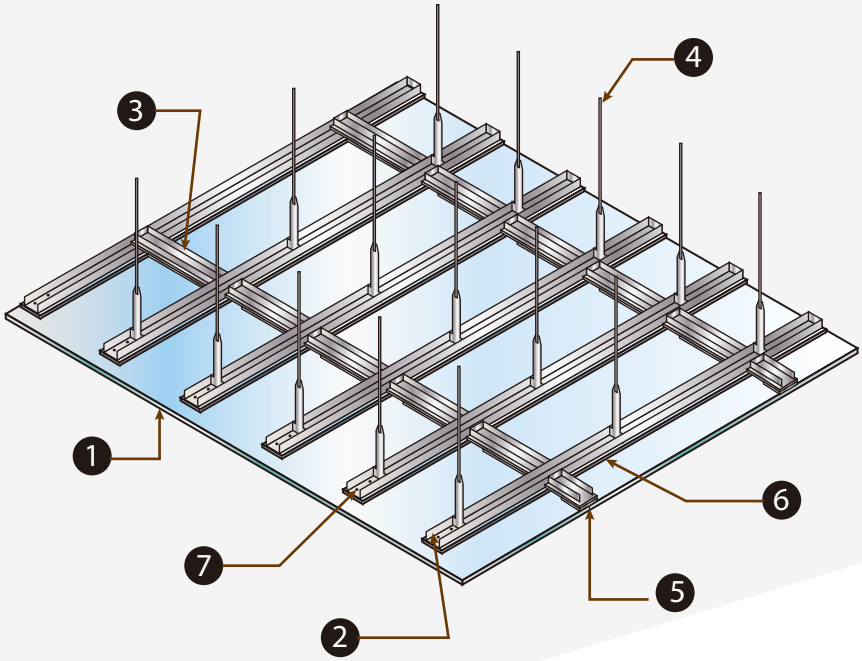
Technical Data:

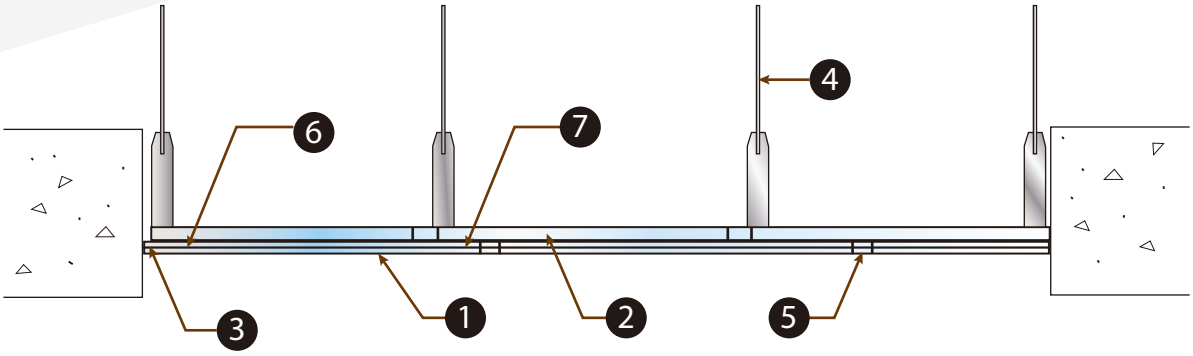
1. WINS H-Tec Fire Protection Panel, 9mm thick
2. Steel C-Channel at 610mm by 813mm, 32x50x32x0.5mm Thick
3. Hanger Steel Stud, 32x50x32x0.6mm thick at spacing 1220x1220mm max.
4. Self-tapping screw at 200mm centres
5. Wins Access Panel 610mm x 813mm x 9mm
6. Board Joints, all gap sealed with Intumescent Sealant
7. Free Edge 5 mm max. sealed with Fire rated Sealant.
8. Side wall

H-TEC FIRE PROTECTION PANEL

9 mm Non-Loadbearing Ceiling System

4 HOURS FIRE RESISTANCE RATING, INTERGRITY IN ACCORDANCE WITH BS EN 1364-2:1999



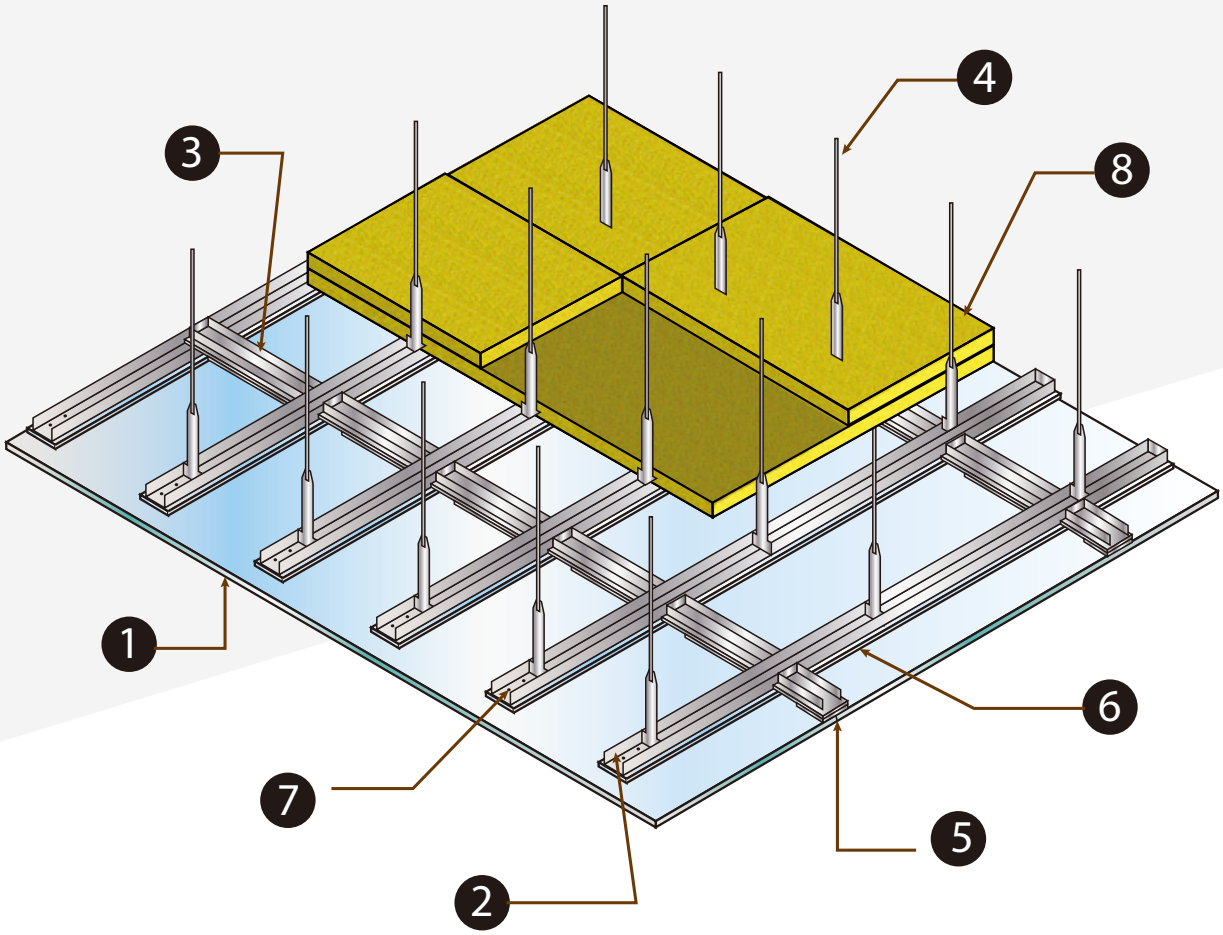


1 Wins H-tec fire protection panel 9mm thick
2 Steel C-channel at 610mm spacing 50x32x0.5mm thick
3 Furring channel/perimeter c-channel 50x25x0.5mm thick
4 Steel wire hanger @1000mm c/c
5 Board joints – all gaps sealed by intumescent sealant
6 Wins h-tec fire protection fillet, 100mm width 9mm thick
7 Self tapping screws at nominal 200mm centres

H-TEC FIRE PROTECTION PANEL

12mm Non-Loadbearing Ceiling System

4 HOURS FIRE RESISTANCE RATING, INTERGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1364-2:1999



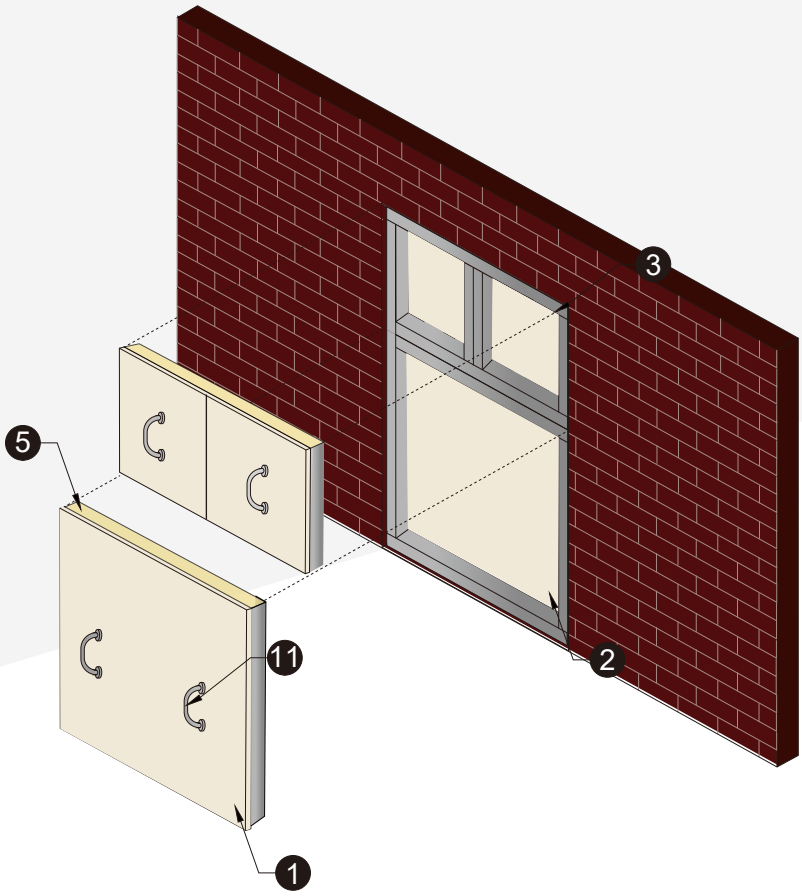
Technical Data:

1. Wins H-tec fire protection panel 12mm thick
2. Steel C-channel at 610mm spacing 50 x 32 x 0.5mm thick
3. Furring channel / perimeter channel 50 x 25 x 0.5mm thick
4. Steel wire hanger @ 1000mm c/c
5. Board joints -all gaps sealed by intumescent sealant
6. Wins h-tec fire protection fillet 100mm width 9mm thick
7. Self tapping screws at nominal 200mm centres
8. Rockwool,2 layers of 50mm thick, density 80kg/m^3

WINS H-TEC FIRE PROTECTION PANEL

WINS DEMOUNTABLE ACCESS PANEL WITH JOINTS AND HANDLES

2-4 HOURS FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1363-1:2020 AND BS EN 1364-1:2015



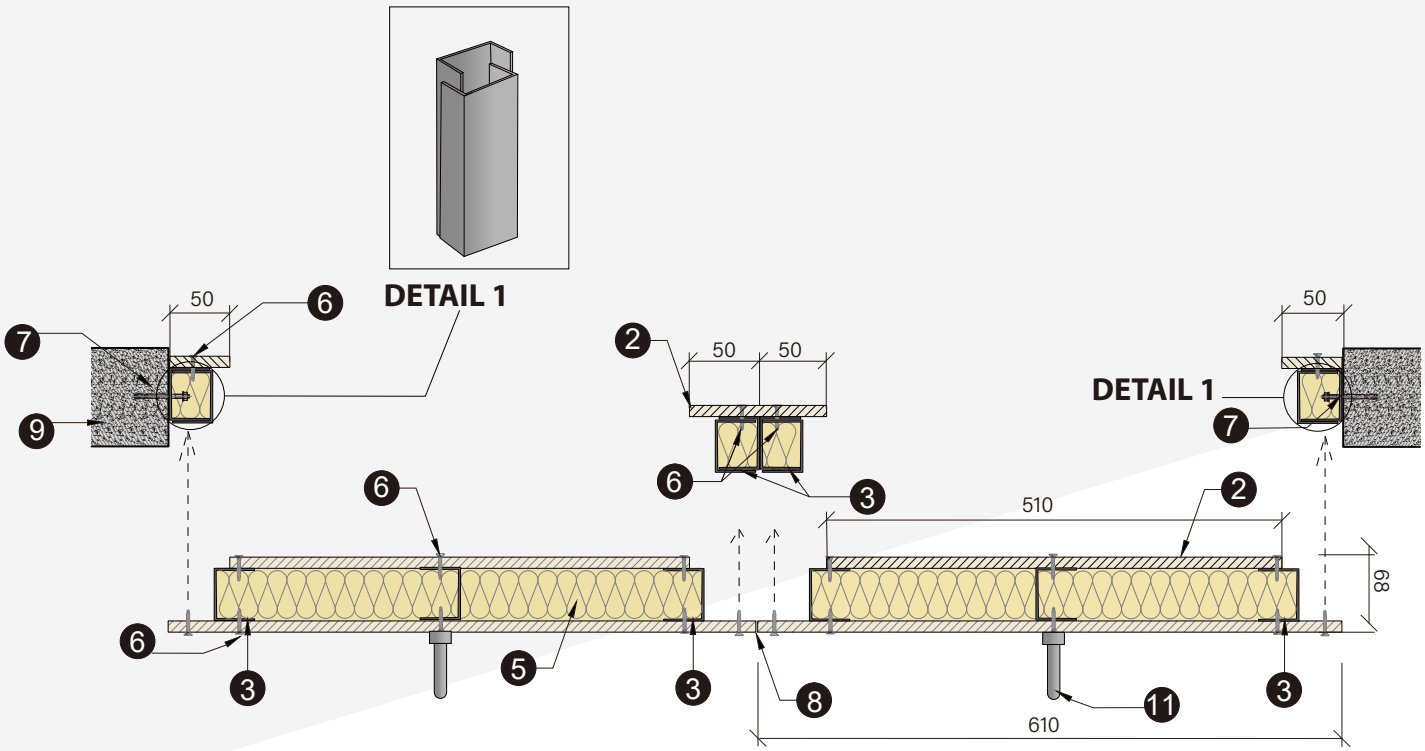
Technical Data:

1 WINS Demountable Access Panel (Calcium Silicate) with Joints and Handles (optional)
2 WINS H-Tec fire protection panel, 9mm thick(Calcium Silicate)
3 Steel Track / Channel 32 x 50 x 32 x 0.5mm thick
4 Wins H-Tec Fire Protection Fillet 100mm wide, 9mm thick
5 Rockwool 50mm thick 100Kg/m^3
6 M4 self-tapping screw @ 200mm centres
7 M6 anchor bolt @ 800mm centres
8 All board joints sealed with fire sealant
9 Concrete Floor/ Wall
10 Horizontal G.I C-Channel 32 x 50 x 32 x 1mm thick
11 Handle (optional)

WINS H-TEC FIRE PROTECTION PANEL

WINS DEMOUNTABLE ACCESS PANEL WITH JOINTS AND HANDLES

2 HOURS FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1363-1:2020 AND BS EN 1364-1:2015



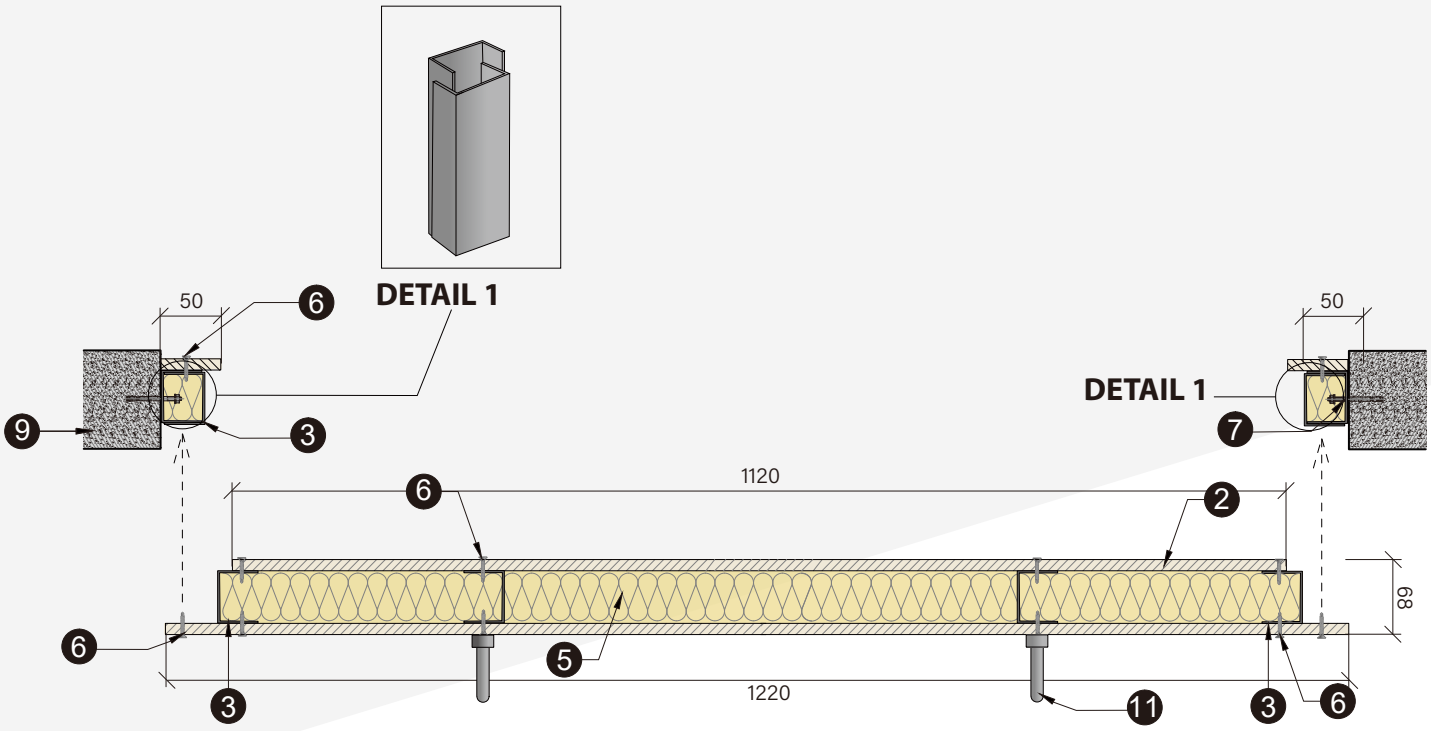
Technical Data:

1 WINS Demountable Access Panel (Calcium Silicate) with Joints and Handles (optional)
2 WINS H-Tec fire protection panel, 9mm thick(Calcium Silicate)
3 Steel Track / Channel 32 x 50 x 32 x 0.5mm thick
4 Wins H-Tec Fire Protection Fillet 100mm wide, 9mm thick
5 Rockwool 50mm thick 100Kg/m^3
6 M4 self-tapping screw @ 200mm centres
7 M6 anchor bolt @ 800mm centres
8 All board joints sealed with fire sealant
9 Concrete Floor/ Wall
10 Horizontal G.I C-Channel 32 x 50 x 32 x 1mm thick
11 Handle (optional)

WINS H-TEC FIRE PROTECTION PANEL

WINS DEMOUNTABLE ACCESS PANEL WITH JOINTS AND HANDLES

2 HOURS FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1363-1:2020 AND BS EN 1364-1:2015



Technical Data:

1 WINS Demountable Access Panel (Calcium Silicate) with Joints and Handles (optional)

2 WINS H-Tec fire protection panel, 9mm thick(Calcium Silicate)

3 Steel Track / Channel 32 x 50 x 32 x 0.5mm thick

4 Wins H-Tec Fire Protection Fillet 100mm wide, 9mm thick

5 Rockwool 50mm thick 100Kg/m^3

6 M4 self-tapping screw @ 200mm centres

7 M6 anchor bolt @ 800mm centres

8 All board joints sealed with fire sealant

9 Concrete Floor/ Wall

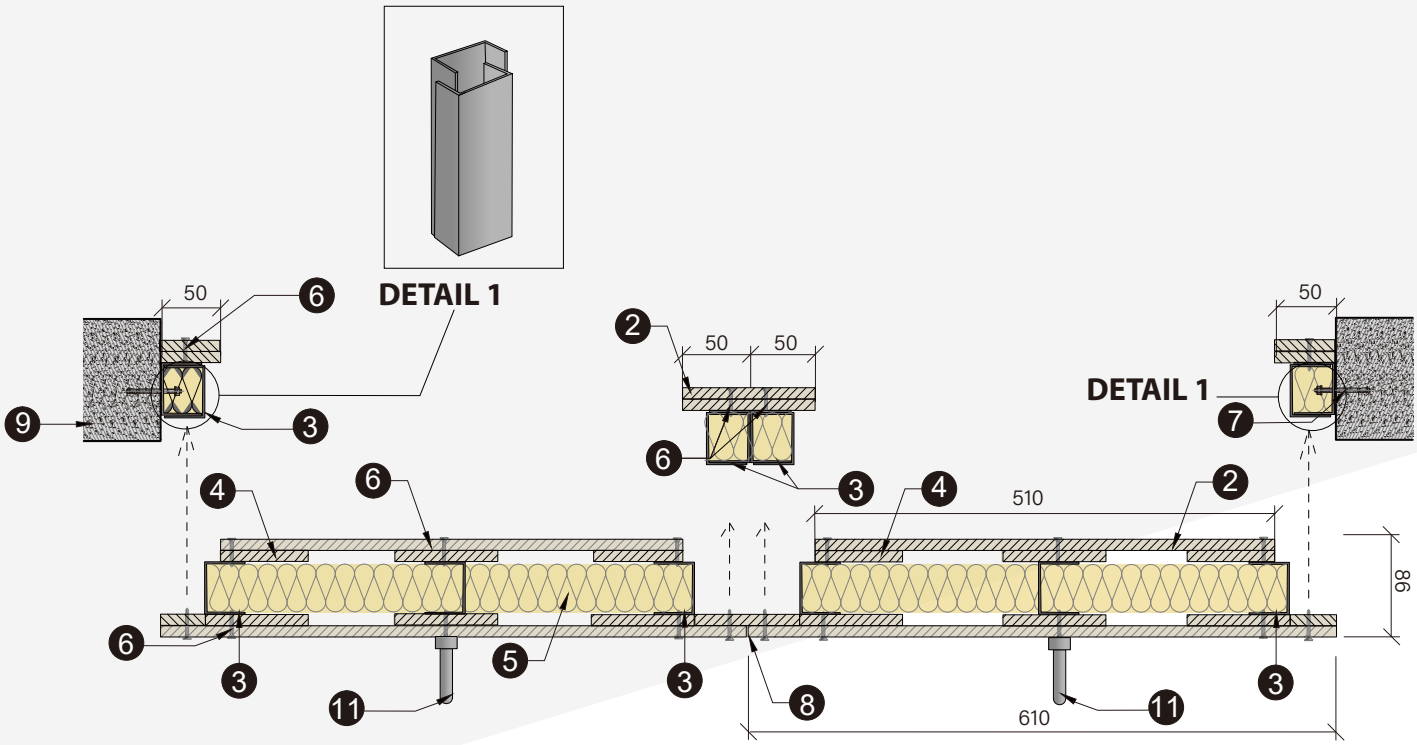
10 Horizontal G.I C-Channel 32 x 50 x 32 x 1mm thick

11 Handle (optional)

WINS H-TEC FIRE PROTECTION PANEL

WINS DEMOUNTABLE ACCESS PANEL WITH JOINTS AND HANDLES

4 HOURS FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1363-1:2020 AND BS EN 1364-1:2015



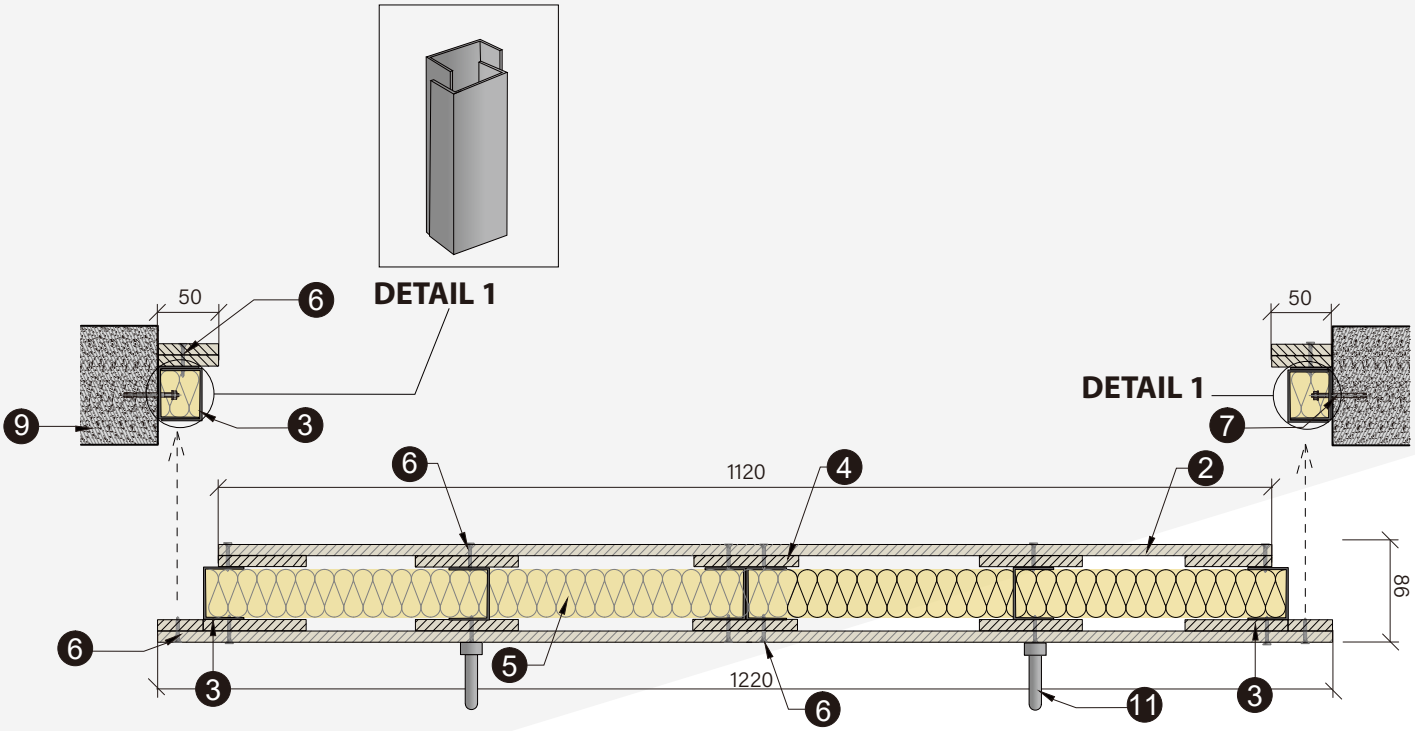
Technical Data:

1 WINS Demountable Access Panel (Calcium Silicate) with Joints and Handles (optional)
2 WINS H-Tec fire protection panel, 9mm thick(Calcium Silicate)
3 Steel Track / Channel 32 x 50 x 32 x 0.5mm thick
4 Wins H-Tec Fire Protection Fillet 100mm wide, 9mm thick
5 Rockwool 50mm thick 100Kg/m^3
6 M4 self-tapping screw @ 200mm centres
7 M6 anchor bolt @ 800mm centres
8 All board joints sealed with fire sealant
9 Concrete Floor/ Wall
10 Horizontal G.I C-Channel 32 x 50 x 32 x 1mm thick
11 Handle (optional)

WINS H-TEC FIRE PROTECTION PANEL

WINS DEMOUNTABLE ACCESS PANEL WITH JOINTS AND HANDLES

2-4 HOURS FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1363-1:2020 AND BS EN 1364-1:2015



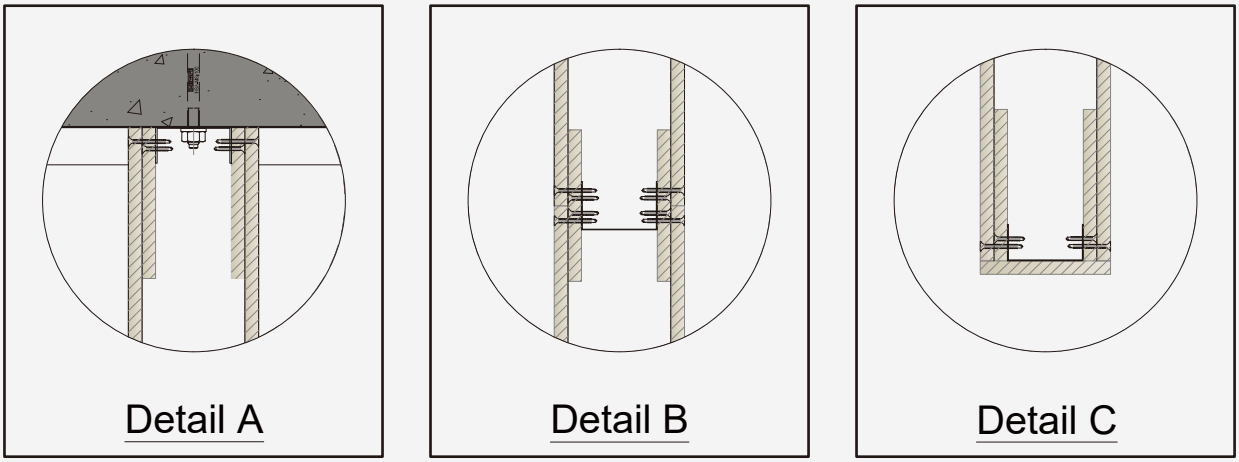
Technical Data:

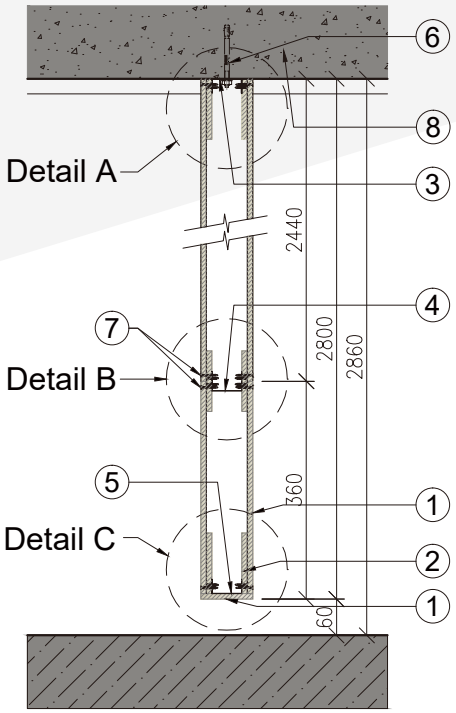
1 WINS Demountable Access Panel (Calcium Silicate) with Joints and Handles (optional)
2 WINS H-Tec fire protection panel, 9mm thick(Calcium Silicate)
3 Steel Track / Channel 32 x 50 x 32 x 0.5mm thick
4 Wins H-Tec Fire Protection Fillet 100mm wide, 9mm thick
5 Rockwool 50mm thick 100Kg/m^3
6 M4 self-tapping screw @ 200mm centres
7 M6 anchor bolt @ 800mm centres
8 All board joints sealed with fire sealant
9 Concrete Floor/ Wall
10 Horizontal G.I C-Channel 32 x 50 x 32 x 1mm thick
11 Handle (optional)

WINS H-TEC FIRE PROTECTION PANEL

9mm Smoke Barrier System

2 HOURS FIRE RESISTANCE RATING, INTEGRITY IN ACCORDANCE WITH BS 476: Part 22: 1987





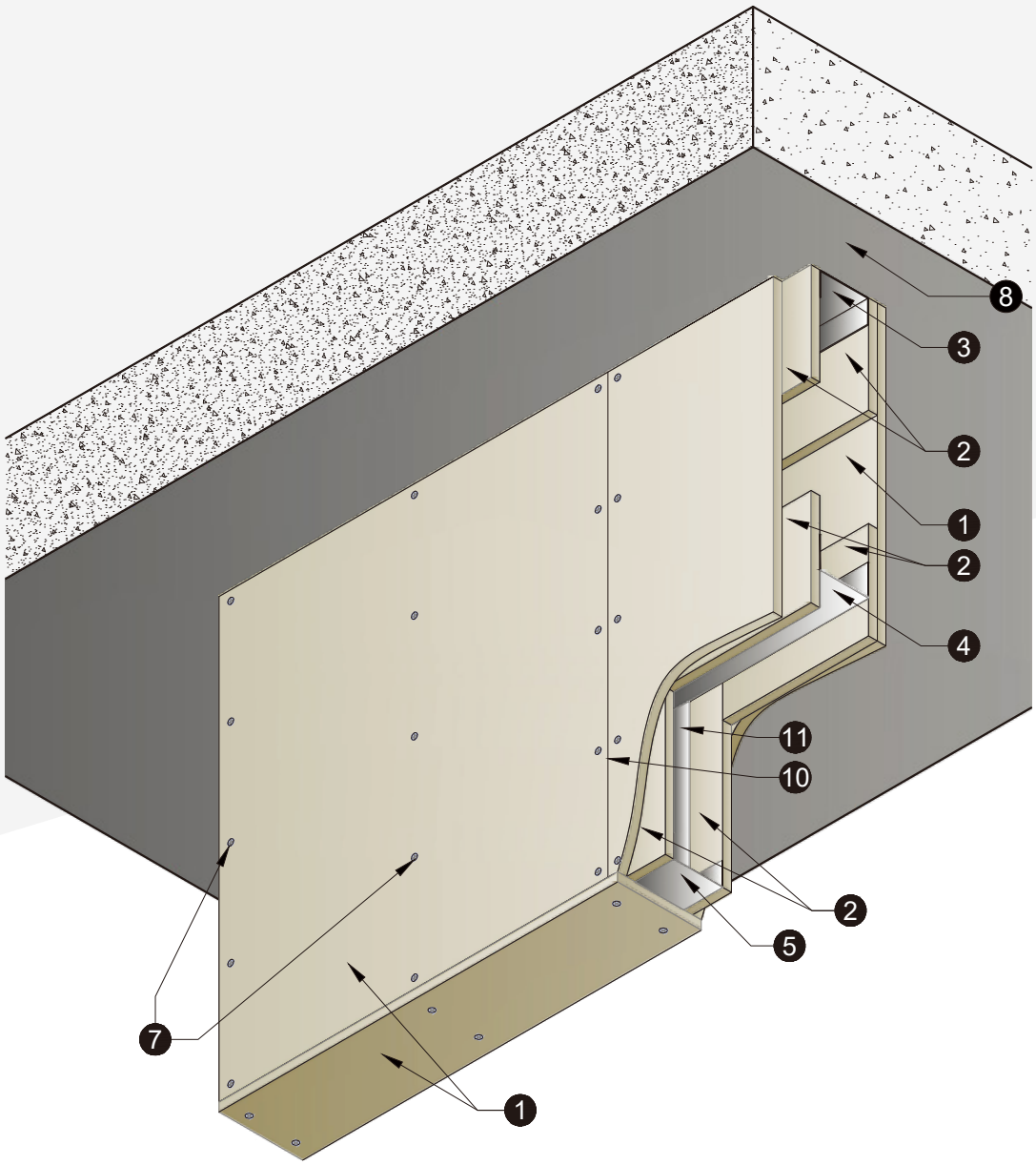
Technical Data :

1. Wins H-Tec Fire Protection Panel, 9mm thick
2. Wins H-Tec Fire Protection Fillets 100mm wide x 9mm thick
3. Top steel channel, 24mmx50mmx24mmx1mm thick
4. Horizontal steel stud, 32mmx50mmx32mmx0.5mm thick
5. Bottom steel channel, 24mmx50mmx24mmx0.5mm thick
6. M8 anchor bolt, @610mm c/c
7. M4x25mm self-tapping screw, @200mm c/c
8. Ceiling
9. 30mm free edge (Not Applicable)
10. Board Joints with fire retardant sealant
11. Vertical steel stud, 32mmx50mmx32mmx0.5mm thick, @610mm c/c

WINS H-TEC FIRE PROTECTION PANEL

9mm Smoke Barrier System

2 HOURS FIRE RESISTANCE RATING, INTEGRITY IN ACCORDANCE WITH BS 476: Part 22: 1987



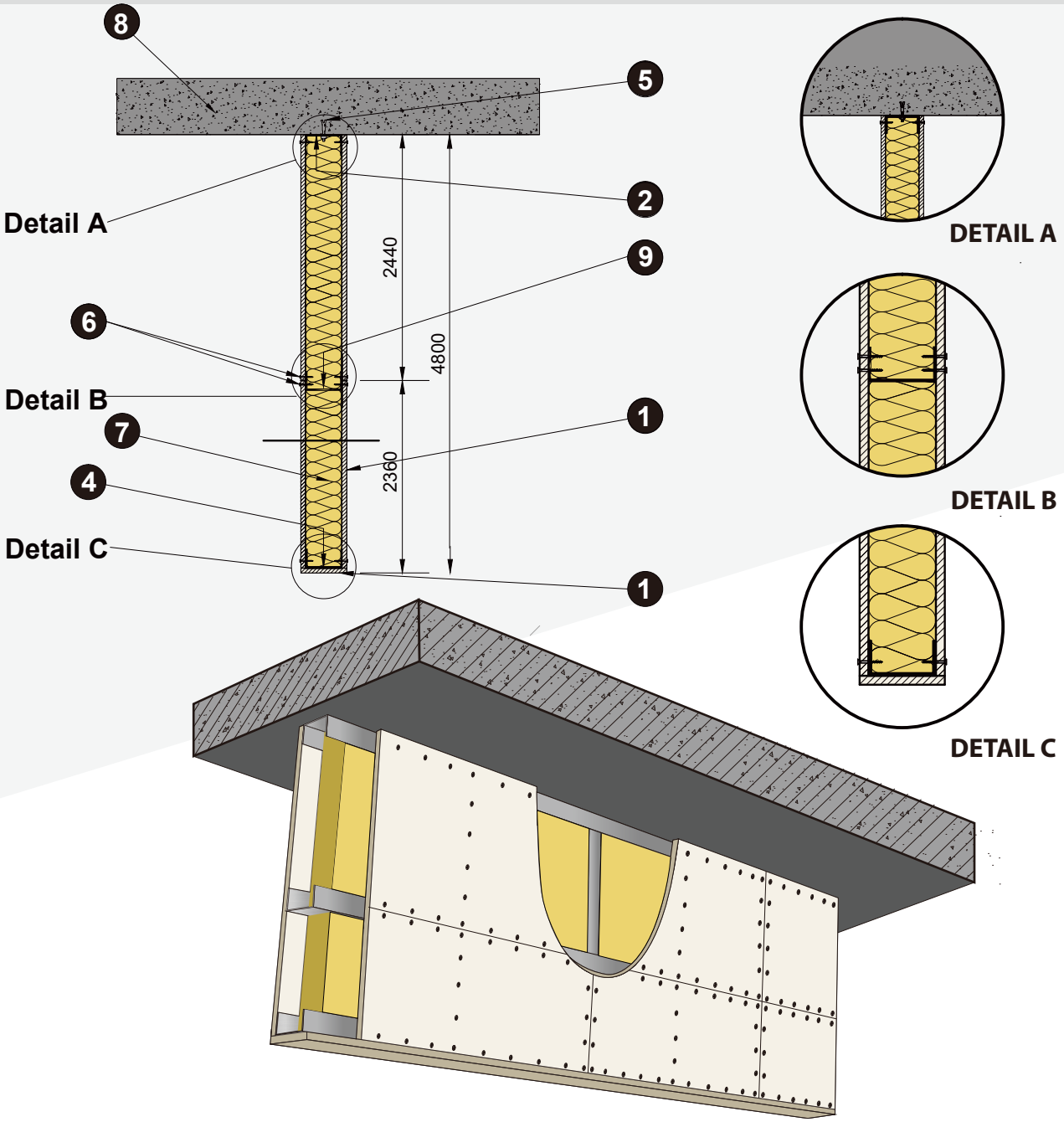
Technical Data :

1. Wins H-Tec Fire Protection Panel, 9mm thick
2. Wins H-Tec Fire Protection Fillets 100mm wide x 9mm thick
3. Top steel channel, 24mmx50mmx24mmx1mm thick
4. Horizontal steel stud, 32mmx50mmx32mmx0.5mm thick
5. Bottom steel channel, 24mmx50mmx24mmx0.5mm thick
6. M8 anchor bolt, @610mm c/c
7. M4x25mm self-tapping screw, @200mm c/c
8. Ceiling
9. 30mm free edge (Not Applicable)
10. Board Joints with fire retardant sealant
11. Vertical steel stud, 32mmx50mmx32mmx0.5mm thick, @610mm c/c

H-TEC FIRE PROTECTION PANEL

9mm Smoke Barrier System

1-2 HOURS FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1363-1:2012 and BS EN 1364-1:2015



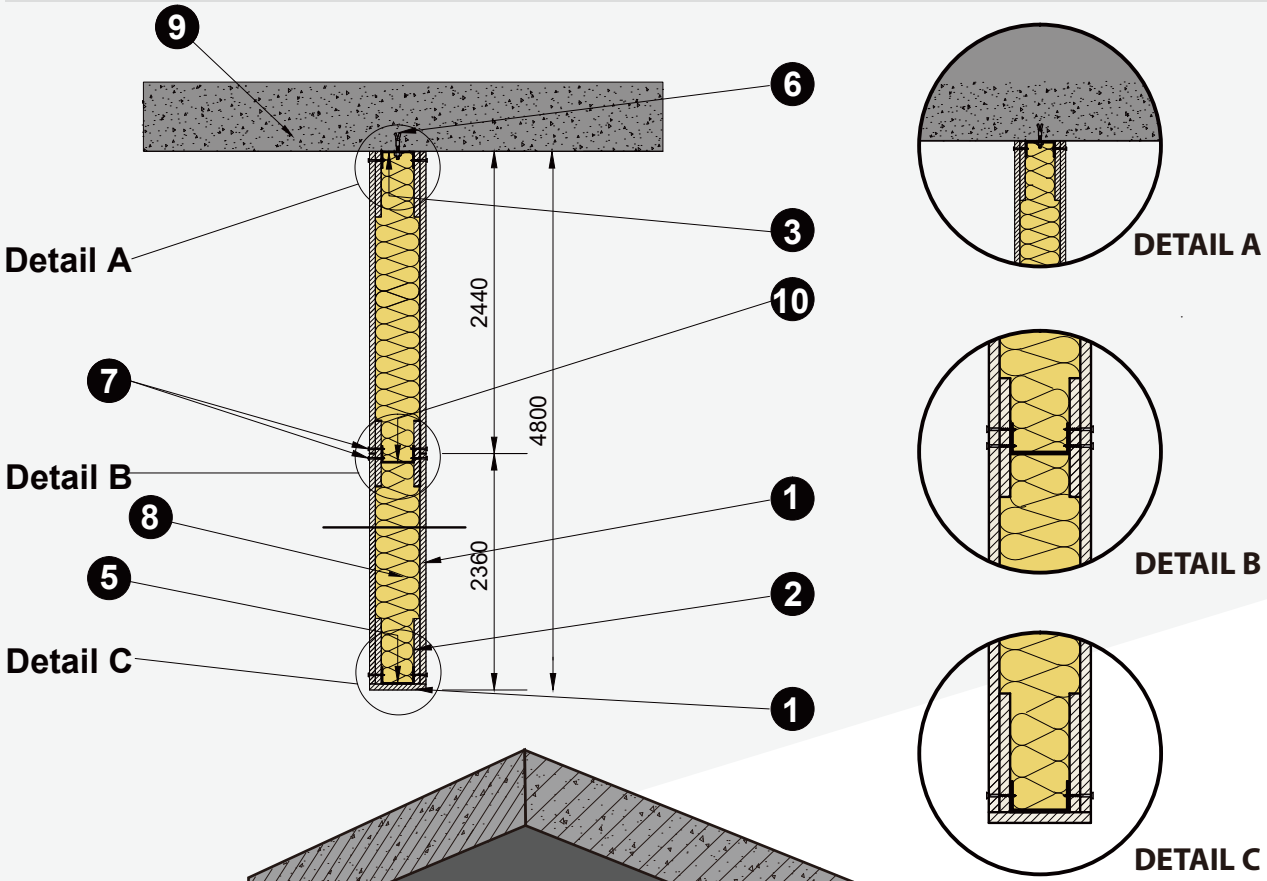
Technical Data:

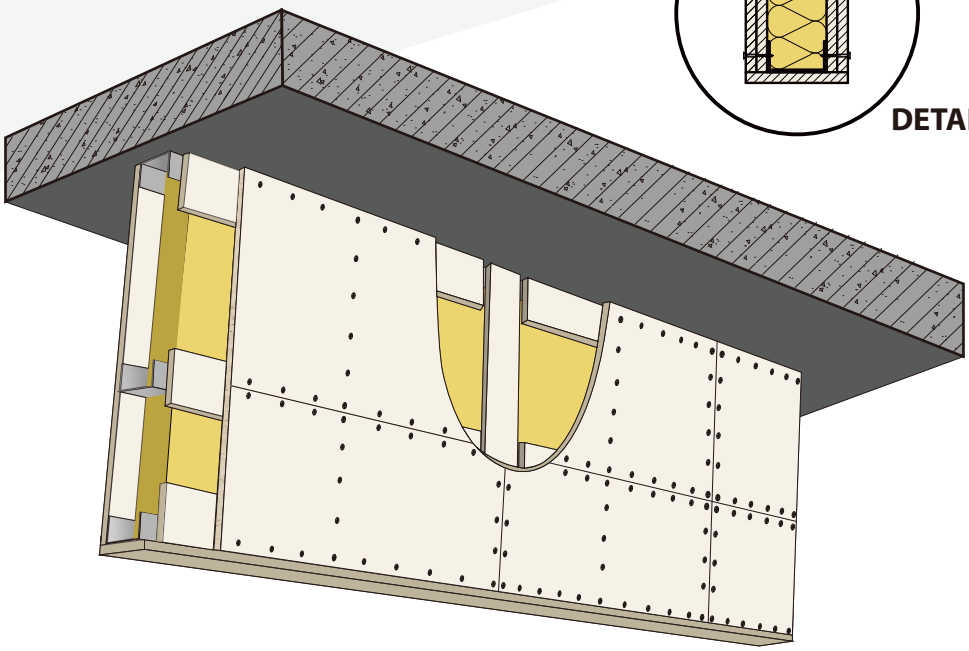
1. Wins H-TEC Fire Protection Panel, 9mm Thick
2. Top steel channel 50mmx50mmx50mmx1mm
   (1.6mm thick channel is used for hanging depth over 1.0 m)
3. Vertical steel stud 32mmx50mmx32mmx0.5mm
4. Bottom steel channel 24mmx50mmx24mmx0.5mm
5. M8 anchor bolt, @610mm c/c (Minimum penetration 50 mm)
6. M4 self tapping screw,@200mm c/c
7. Rock wool, 80kg/m³, 50mm thick
8. Concrete ceiling
9. Horizontal nogging at all board joints

H-TEC FIRE PROTECTION PANEL

9mm Smoke Barrier System

4 HOURS FIRE RESISTANCE RATING, INTEGRITY AND INSULATION IN ACCORDANCE WITH BS EN 1363-1:2012 and BS EN 1364-1:2015





Technical Data:

1. Wins H-TEC Fire Protection Panel, 9mm Thick
2. Wins H-Tec Fire Protection Fillet 100mm wide x 9mm thick
3. Top steel channel 50mmx50mmx50mmx1mm
   (1.6mm thick channel is used for hanging depth over 1.0 m)
4. Vertical steel stud 32mmx50mmx32mmx0.5mm
5. Bottom steel channel 24mmx50mmx24mmx0.5mm
6. M8 anchor bolt, @610mm c/c (Minimum penetration 50 mm)
7. M4 self tapping screw,@200mm c/c
8. Rock wool, 80kg/m³, 50mm thick
9. Concrete ceiling
10. Horizontal nogging at all board joints

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