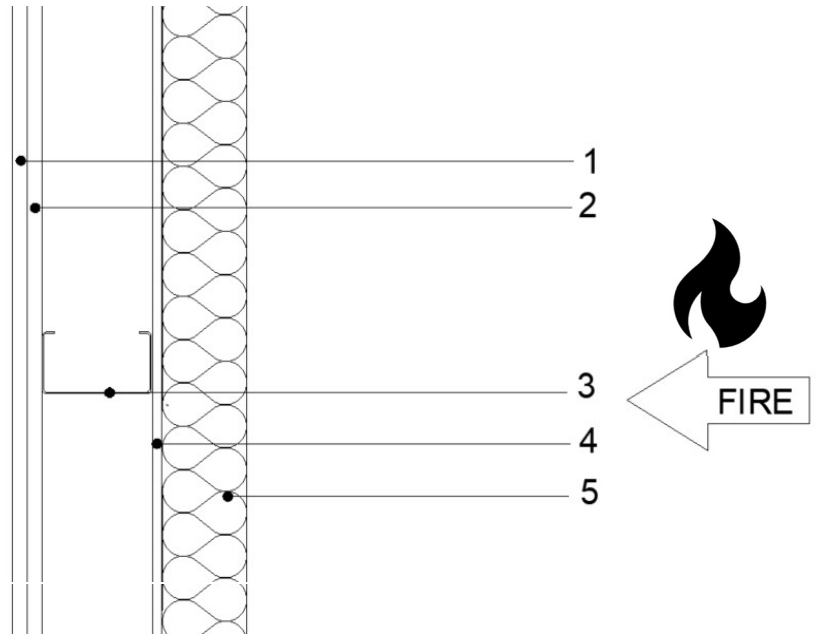


FIRE SUBSTANTIATION SHEET

ISO 5206

SYSTEM: RCM 12mm Ywall – 120 minute Loadbearing.

Fire Rating: 120 MINUTES
Test Reference EUI-20-000152-A



Test Build-up

Layer

- | | |
|---------------------------------|--|
| (1) Facing Internal Face Layer: | 15mm British Gypsum Soundbloc Type D. |
| (2) Facing Internal Face Layer: | 15mm British Gypsum Soundbloc Type D. |
| (3) Stud: | 90mm Metsec (090M12-50) @ 600mm Centres. |
| (4) Facing Outer Layer: | RCM 12mm Ywall fixed @ 300mm centres. |
| (5) Insulation: | Knauf Earthwool/Rockwool Duo Slab 75mm (≥45kg/m3). |

TEST RESULTS:

Test Laboratory:	Efectis
Test Standard:	BS EN 1365-1
Original Test Date:	10/07/2019
System re-assessed	n/a
Integrity:	135 minutes.
Insulation:	135 minutes.
Loadbearing Capacity:	135 minutes.
Loadbearing Result (EI):	120 minutes.

SCHEDULE OF COMPONENTS

(1) Head & Base Track Fixings:	RCM 4H 6.3 x 45 metal self drilling anchors (Ejot)
(2) Stud to Head & Base Track fixings:	RCM JT2-N3 5.5 x 19 metal self drilling screws (Ejot)
(3) Headtrack:	RCM 094M12-40 SFS HeadTrack (Metsec)
(4) Basetrack:	RCM 094M12-40 SFS BaseTrack (Metsec)
(5) Stud:	RCM 090M12-50 SFS STUD(Metsec)
(6) Plasterboard fixings:	RCM 3.5 x 42mm carbon steel fixings(Speedline)
(7) Plasterboard fixing strap:	RCM GF S1 (2400 x 70 x 0.5) Board Fixing Strap(BG)
(8) Plasterboard Jointing compound:	RCM FT50 tape + BG Joint Compound Fire Tape & Jointing (BG)
(9) Insulation:	Knauf Earthwool/Rockwool Duo Slab 75mm (≥45kg/m3).
(10) Insulation fixings (Outer Edges):	RCM SW8R 4.8 + SBV8/90 washer(Ejot)
(11) Insulation fixings (centre):	RCM JT3-D6H-5.5/6.3 + DMT85/7-E washer (Ejot)
(12) Ywall fixings:	RCM FIX006 4.8 x 38mm External Cementious board fixings(RCM)
(13) Ywall sealant:	RCM Silicone Sealant FR Pro Fire resistant sealant(RCM)



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