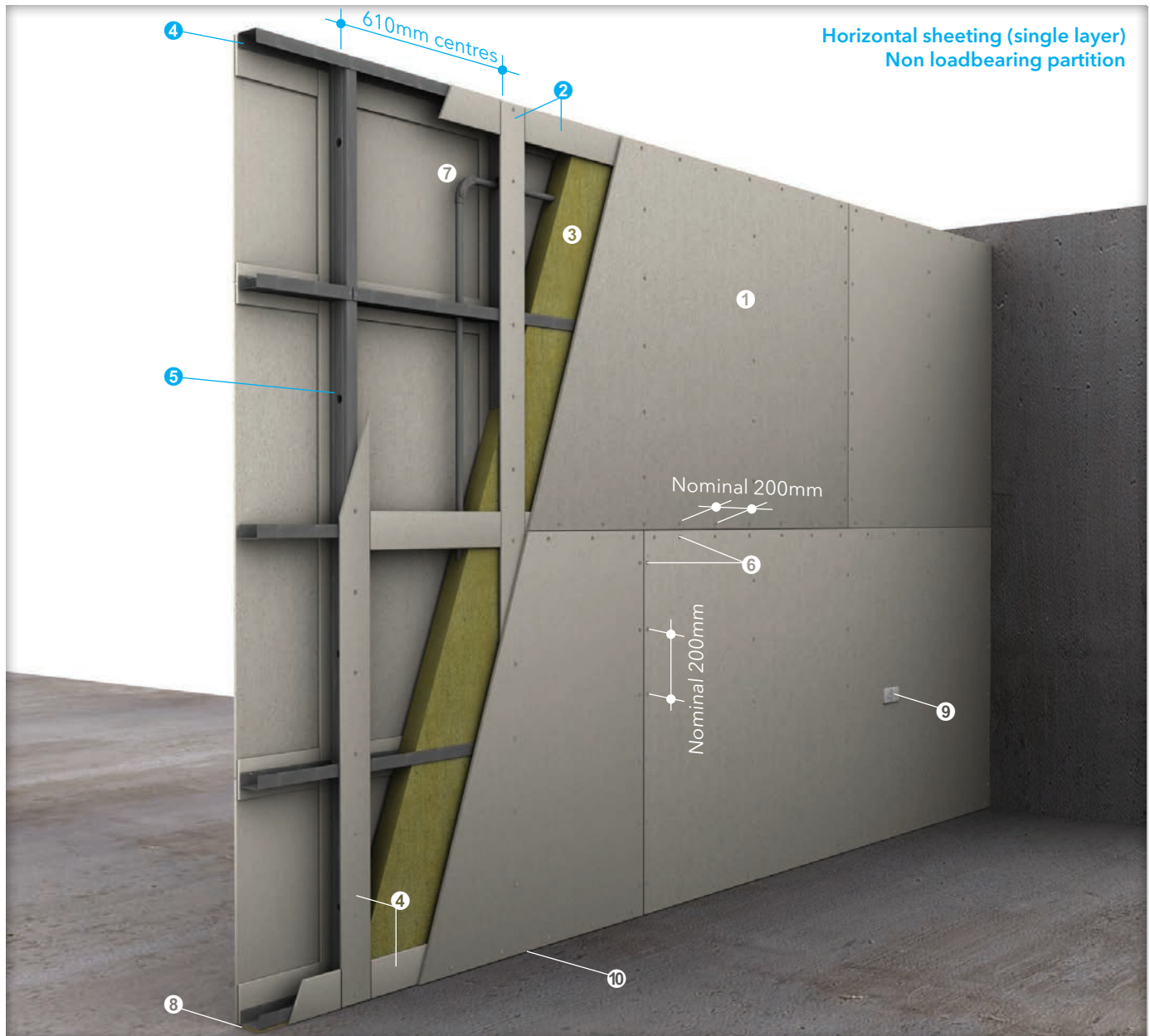




Fire Test	FRL	-/60/60
	Standard	BS 476: Part 22: 1987
Acoustic performance	STC R_w	43 43dB <i>Margin of error is generally within ± 3</i>
	Standard	STC ASTM E90 ASTM E413 R_w ISO 10140: Part 2 ISO 717: Part 1
Construction	Length	Unlimited
	Thickness	Nominal 86mm <i>Varies if the height exceeds 4000mm</i>

- ❶ One layer of 9mm thick PROMINA® 60 board at each side of the partition
- ❷ 100mm wide x 9mm thick PROMINA® 60 cover strips at each side of the partition for horizontal and vertical board joints
- ❸ One layer of 50mm thick x 40kg/m³ mineral wool
- ❹ 75mm x 40mm x 0.6mm thick or 50mm x 40mm x 0.6mm thick steel channels for top and bottom rail
- ❺ 75mm x 35mm x 0.6mm thick or 50mm x 50mm x 0.8mm thick steel channels for vertical stud at 610mm centres
- ❻ Suitable length of M4 self-tapping screws at nominal 200mm centres
- ❼ Suitable length of M6 anchor bolts at nominal 600mm centres
- ❽ Mineral wool seal for irregular surface between the angles and masonry structure
- ❾ PROMASEAL® Intumescent Switchbox (see next page for clarity)
- ❿ Caulk all perimeter gaps between the boards and masonry structure with PROMASEAL®-A Sealant to achieve the required fire resistance and/or acoustic performance when necessary

Please consult Promat for the size of steel channels if the partition height exceeds 4000mm



Performance specification for PMF.22.60 steel stud partition

- PROMINA® 60 one-hour fire rated non-loadbearing steel studs partition system constructed with single layer 9mm facing board on either side and relevant accessories tested to BS476: Part 22.
- Shall have a valid system's Certificate of Conformity (CoC) of Class 1/1A/ISO System 5 for fire performance of integrity and insulation 60mins when tested to BS476: Part 22.
- Shall have a valid material's Certificate of Conformity (CoC) Class 2 classification as EUROCLASS 'A1' when tested to EN13501-1 (equivalent to non-combustibility BS476: Parts 4).
- Shall be severe duty (SD) graded impact resistant when tested BS5234: Part 2 or SS 492.
- Shall hold a valid green label/mark issued by the SEC or SGBC.
- Approved for oversized partition up to 12m height.
- Shall be tested with electrical conduits within the cavity of the wall and the recessed electrical knock-out boxes (KO) fitted with PROMASEAL® Switchbox intumescent of equal or high fire performance so as fire integrity of the partition is not compromised.
- The board shall be calcium silicate, resistant to moisture, able to regain back its strength upon drying and has typical mechanical properties as seen on [page 10](#).