Fire attack from board side / Non loadbearing

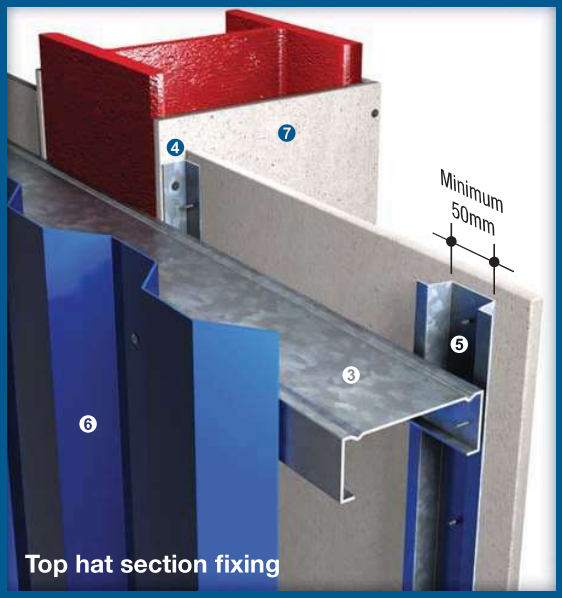
Fire resistance	FRL	-/240/15
	STANDARD	BS476: Part 22: 1987 AS1530: PArt 4: 2005
	APPROVAL	BRE CC 231704
Acousttic	# STC	38dB (-/120/15) 40dB (-/240/15) 46dB (-/120/15) 50dB (-/240/15)
	# R_w	38dB (-7) (-/120/15) 40dB (-7) (-/240/15) 46dB (-10) (-/120/15) 50dB (-10) (-/240/15)
	STANDARD	ISO140: Part 3: 1996 ISO717: Part 1: 1996
	PREDICTED ASSESSMENT	Marshall Day 18th October 2006
Construction	MAXIMUM LENGTH	Unlimited
	PARTITION THICKNESS	From 212mm (-/120/15) From 215mm (-/240/15)
	PARTITION MASS*	From 10.31kg/m² (-/120/15) From 13.43kg/m² (-/240/15)

 # Margin of error is generally within ±3dB

*** Details for walls above 3000mm high are available on request**

1. One layer of PROMATECT®-H board 9mm thick, screw fixed to all top hat sections at nominal 300mm centres
2. Horizontal galvanised steel sheeting rails, bolted at maximum 1800mm centres
3. Perimeter galvanised steel angle 25mm x 25mm x 0.56mm thick, secured to floor or wall using 40mm long M6 masonry anchors at nominal 500mm centres
4. Vertical galvanised steel top hat sections approximately 26mm x 80mm x 0.56mm thick, secured to every sheeting rail using two steel fixings at 610mm centres per rail (width of the top hat section, facing where boards are fixed at, must be minimum 50mm)
5. External cladding sheet either single skin steel or fibre cement (please consult Promat for other types of cladding)
6. Caulk all perimeter gaps with PROMASEAL®-A Acrylic Sealant to achieve the required fire resistance and/or acoustic performance

1000mm or more from the relevant boundary / Non loadbearing



Top hat section fixing

1. One layer of PROMATECT®-H board 9mm thick, screw fixed to all top hat sections at nominal 300mm centres
2. One layer of PROMATECT®-H cover strips 100mm x 9mm thick, fixed at horizontal board joints
3. Horizontal galvanised steel sheeting rails, bolted at maximum 1800mm centres
4. Perimeter galvanised steel angle 25mm x 25mm x 0.56mm thick, secured to floor or wall using 40mm long M6 masonry anchors at nominal 500mm centres
5. Vertical galvanised steel top hat sections approximately 26mm x 80mm x 0.56mm thick, secured to every sheeting rail using two steel fixings at 610mm centres per rail (width of the top hat section, facing where boards are fixed at, must be minimum 50mm)
6. External cladding sheet either single skin steel or fibre cement (please consult Promat for other types of cladding)
7. Existing fire resistant structural steel column cladding
8. Caulk all perimeter gaps with PROMASEAL®-A Acrylic Sealant to achieve the required fire resistance and/or acoustic performance