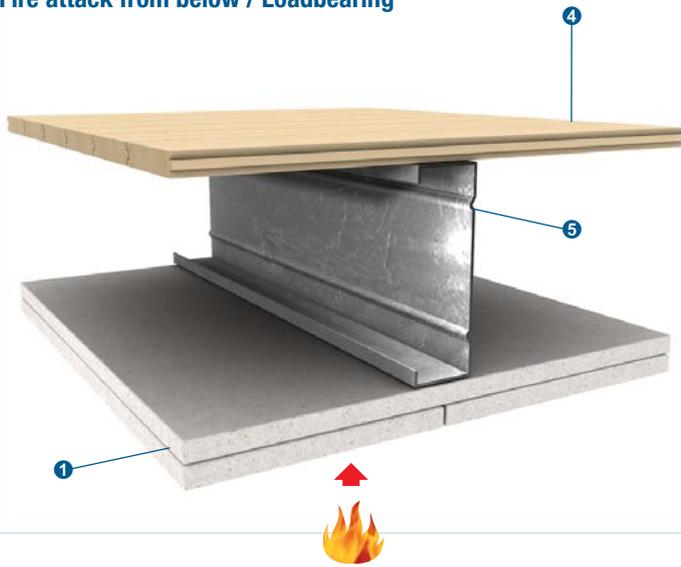


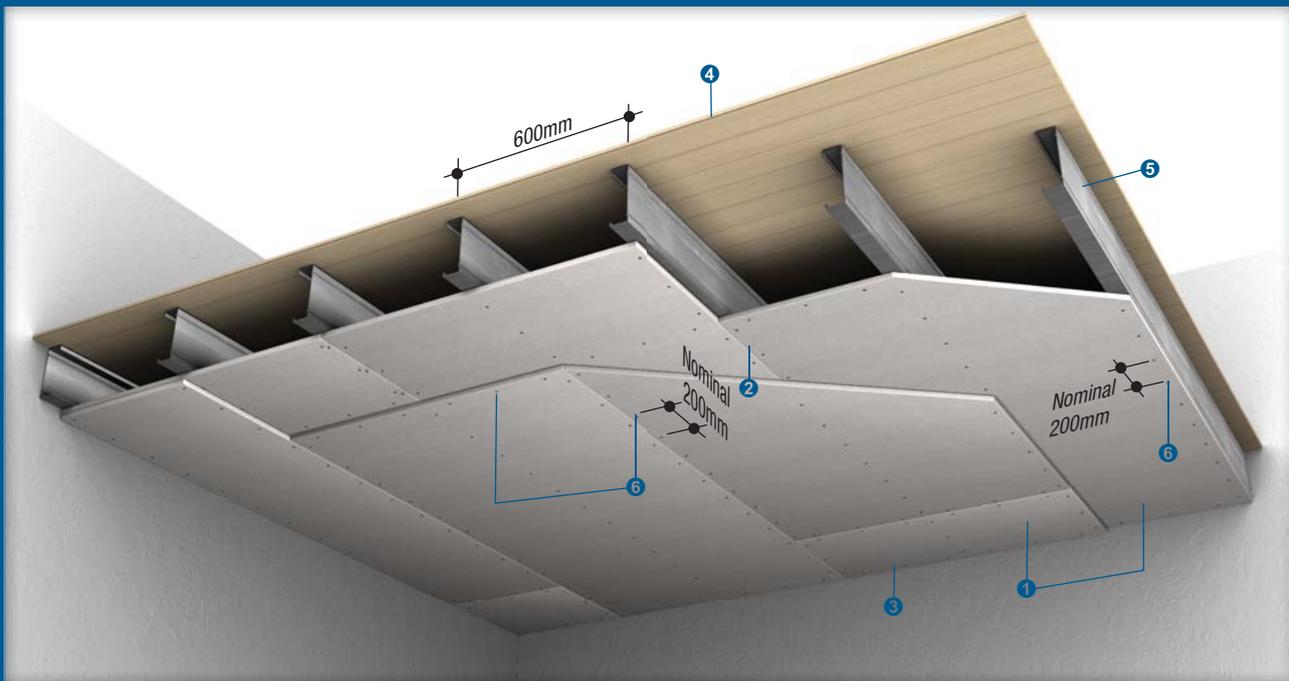


#### Fire attack from below / Loadbearing



Fire Resistance	FRL	120/120/120
	STANDARD	BS 476: Part 21: 1987
	APPROVAL	WF 148830
Acoustic	# STC	44dB
	# R <sub>w</sub>	44dB
	STANDARD	ISO 140: Part 3: 1996 ISO 717: Part 1: 1996
	PREDICTED ASSESSMENT	Marshall Day 20th Aug 2007
Construction	FLOOR THICKNESS	268mm
	FLOOR MASS	29.6kg/m <sup>2</sup>

# Margin of error is generally within  $\pm 3$ dB



- ❶ Two layers of PROMATECT® 250 board, each 15mm thick
- ❷ All longitudinal board joints must be coincident with the steel framework, longitudinal board joints between the 2 layers must be staggered by 600mm
- ❸ Gap at perimeter to be caulked with PROMASEAL®-A Acrylic Sealant
- ❹ Tongue-and-groove floorboards 38mm thick
- ❺ Steel channel 200mm x 65mm x 15mm x 1.5mm thick at 600mm centres
- ❻ No. 8 steel screws at nominal 200mm centres along all joists
  - 35mm long to screw first layer to joists
  - 50mm long to screw second layer to joists