RADIATION-PROOF PARTITION SYSTEM
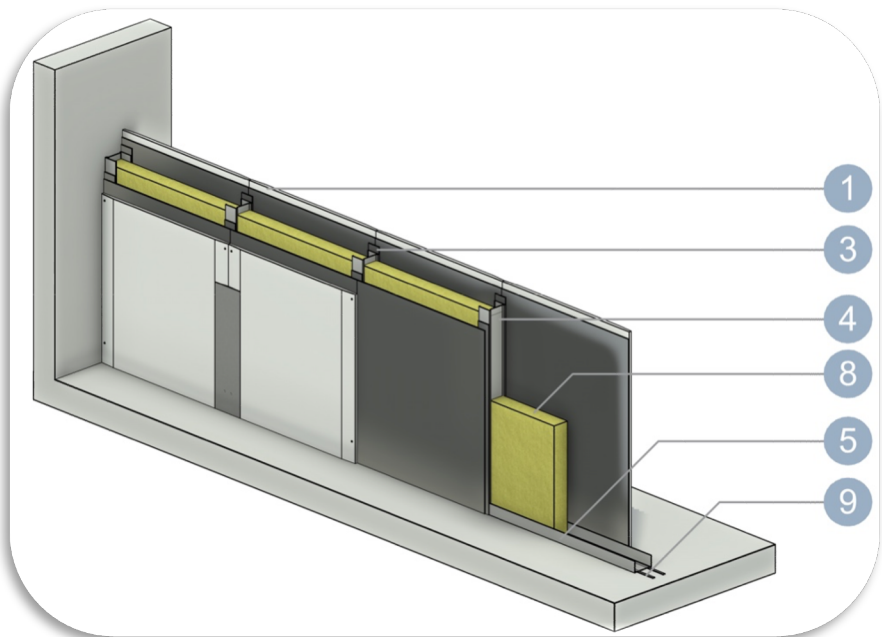## VarioShield^Basic & VarioShield^Plus

VAR107-11-75-3.5 lead+MW

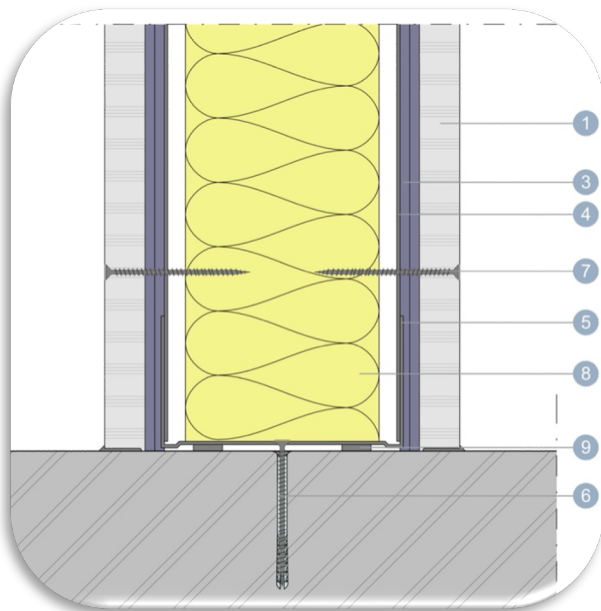Radiation-proof, lightweight partition wall, with on both sides a VarioShield fitted with lead.

VarioShield has developed an innovative system, VarioShield^Plus. These small (1200 mm long, 600 mm wide) VarioShield^Plus panels have a special overlap that ensures you can build walls that are guaranteed radiation proof. These panels are also easy to handle thanks to their low weight.

VarioShield^Plus

SYSTEM PERFORMANCE	System thickness [mm]	System weight [kg/m²]
	107	29
Fire resistance wall (Dutch market DGMR)	EI [minutes]	Max. height fire performance
	EI30	3600
Sound insulation	Sound insulation Rw (C;C$_{Tr}$) Simulation	
	58 dB (-5;-12)	
Maximum height stability (DIN 18183-1)	Field of application I [mm]	Field of application II [mm]
	4500	3750
Radiation proof	Applus RTD Benelux Report	
	9287-112321/001/1/2015 rev. 0	

System structure:

1. VarioShield^Basic or VarioShield^Plus with 2.0 mm and 1.5 mm lead
2. Self-adhesive lead strips 2.0 mm and 1.5 mm
3. C-profile 75 mm centre-to-centre 600 mm
4. U-profile 75 mm
5. U-profile attachment on building construction
6. VarioShield screw 45 mm, centre-to-centre 250 mm
7. Insulation 60 mm
8. Acoustic felt

For more information, please refer to our installation advice, documentation, reports and website.