RADIATION-PROOF PARTITION SYSTEM
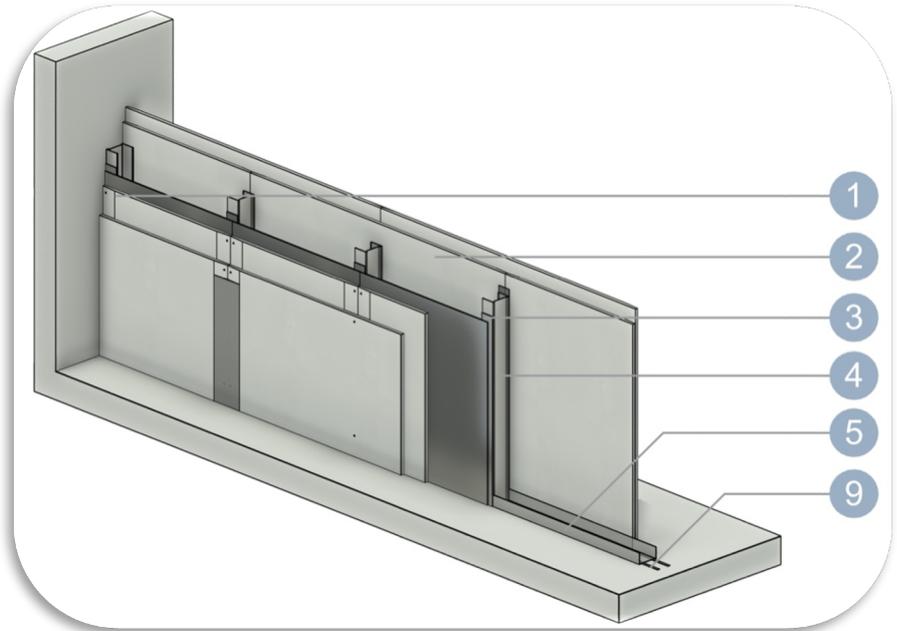## VarioShield^Basic & VarioShield^Plus
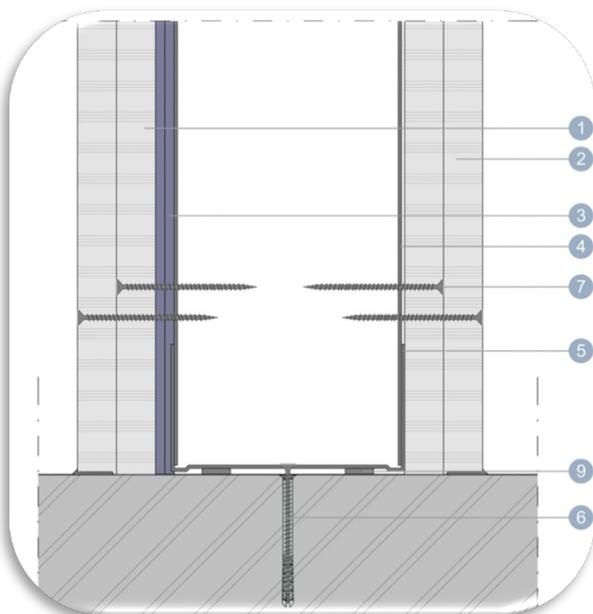
VAR127-22-75-1.0 lead

Radiation-proof, lightweight partition wall, with on one side a VarioShield fitted with lead and a mounted standard plasterboard. On the other side two mounted standard plasterboards.

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]
	127	50
Fire resistance wall (Dutch market DGMR)	EI [minutes]	Max. height fire performance
	EI60	4200
Sound insulation	Sound insulation Rw (C;C$_{Tr}$) Simulation	
	52dB (-3;-11)	
Maximum height stability (DIN 18183-1)	Field of application I [mm]	Field of application II [mm]
	5500	5000
Radiation proof	Applus RTD Benelux Report	
	9287-112321/001/1/2015 rev. 0	

System structure:

1. VarioShield^Basic or VarioShield^Plus with 1.0 mm lead
2. Standard plasterboard 12.5 mm
3. Self-adhesive lead strips 1.0 mm
4. C-profile 75 mm centre-to-centre 600 mm
5. U-profile 75 mm
6. U-profile attachment on building construction
7. VarioShield screw 45 mm, centre-to-centre 250 mm
8. Insulation not necessary
9. Acoustic felt

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