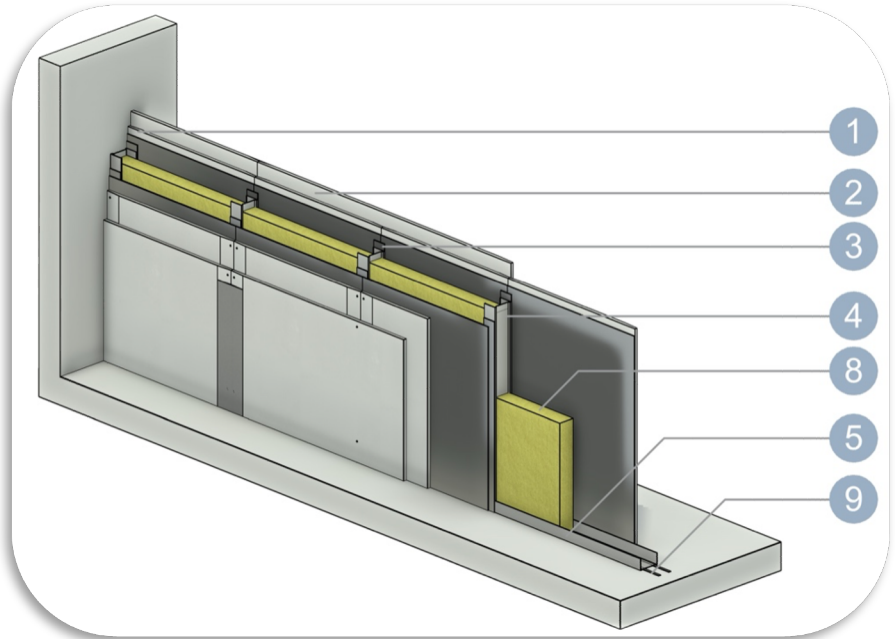


## VAR159-22-100-4.5 lead+MW

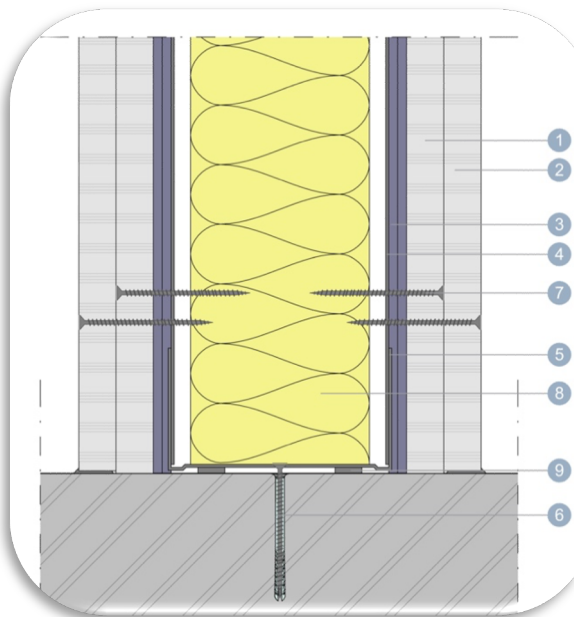
Radiation-proof, lightweight partition wall, with on both sides a VarioShield fitted with lead and a mounted standard plasterboard.

VarioShield has developed an innovative system, VarioShield<sup>Plus</sup>. These small (1200 mm long, 600 mm wide) VarioShield<sup>Plus</sup> 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<sup>Plus</sup>

SYSTEM PERFORMANCE	System thickness [mm]	System weight [kg/m <sup>2</sup> ]
	159	93
Fire resistance wall (Dutch market DGMR)	EI [minutes]	Max. height fire performance
	EI60	4200
Sound insulation	Sound insulation R <sub>w</sub> (C;C <sub>tr</sub> ) Simulation	
	69dB (-2;-8)	
Maximum height stability (DIN 18183-1)	Field of application I [mm]	Field of application II [mm]
	6500	5750
Radiation proof	Applus RTD Benelux Report	
	9287-112321/001/1/2015 rev. 0	



### System structure:

1. VarioShield<sup>Basic</sup> or VarioShield<sup>Plus</sup> with 2.5 mm and 2.0 mm lead
2. Standard plasterboard 12.5 mm
3. Self-adhesive lead strips 2.5 mm and 2.0 mm
4. C-profile 100 mm centre-to-centre 600 mm
5. U-profile 100 mm
6. U-profile attachment on building construction
7. VarioShield screw 45 mm, centre-to-centre 250 mm
8. Insulation 75 mm
9. Acoustic felt

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