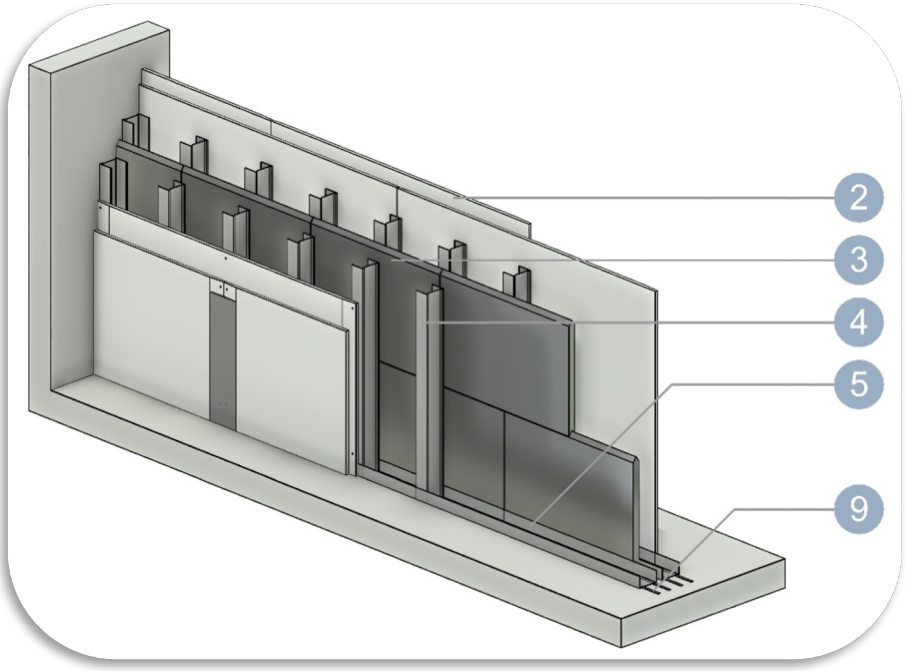
RADIATION-PROOF PARTITION SYSTEM

VarioShield^{XL}

VARXL215-22-75-8.0 lead

VarioShield^{XL} is a handy lead brick for building walls that require high radiation proofing. The lead elements have an interlocking V-shaped groove on their edge, which provides a radiation-proof end result without the need of an extra lead strip between the bricks. The bricks are mounted between an inner and outer construction of reinforced metal stud profiles. Standard plasterboards are screwed on these metal stud profiles. The joints are finished with a jointing compound.

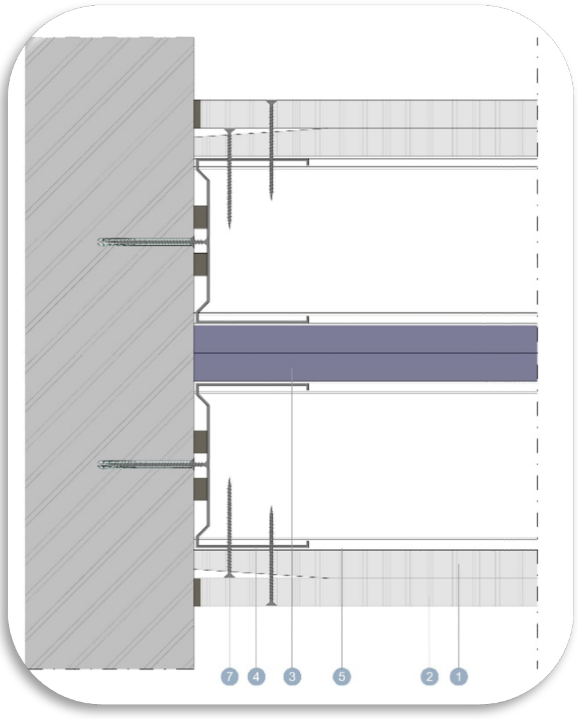


Size of VarioShield^{XL}

8 mm thick

length 600 x width 400 mm

SYSTEM PERFORMANCE	System thickness [mm]	System weight [kg/m²]
	215	134
Fire performance (Dutch market DGMR)	EI [minutes]	Max. height fire performance
	EI60	3000
Sound insulation	Sound insulation Rw (C;C_{Tr}) Simulation	
	64dB (-4;-15)	
Maximum height stability (DIN 18180)	Field of application I [mm]	Field of application II [mm]
	6400	
Radiation proof	Applus RTD Benelux Report	
	9287-130595/001/1/2018 rev. 0	



System structure:

1. Standard plasterboard 12.5 mm
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3. VarioShield^{XL} 8 mm
4. Reinforced UA-profile 75 mm centre-to-centre 300 mm
5. Reinforced UA-profile 75 mm
6. UA-profile attachment on building construction
7. VarioShield screw 45 mm, centre-to-centre 750 / 250 mm
8. No insulation required
9. Acoustic felt

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

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