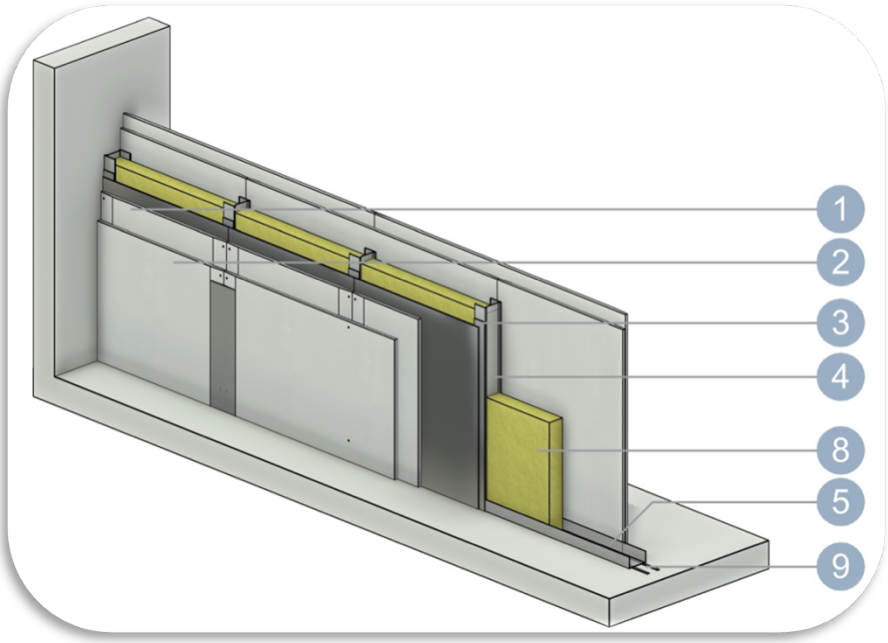
# RADIATION-PROOF PARTITION SYSTEM

VarioShield[Basic] & VarioShield[Plus]

## VAR153-22-100-1.5 lead+MW

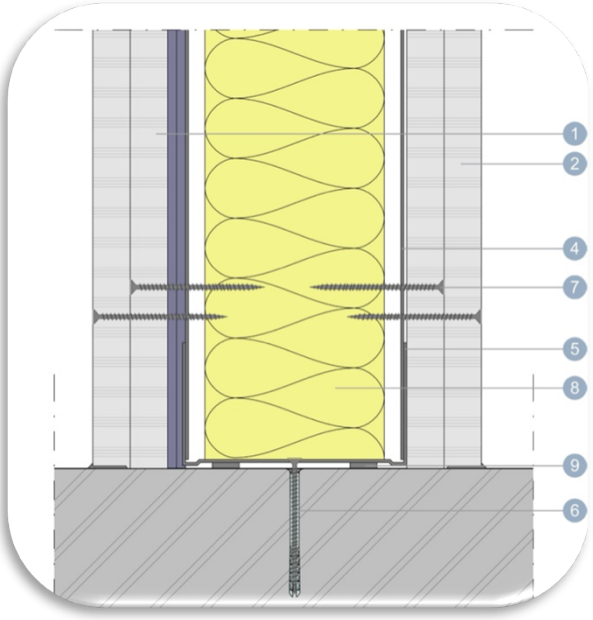
Radiation-proof, lightweight partition wall, with on one side a VarioShield fitted with lead and a mounted standard plasterboard. On the other side two mounted standard plasterboards.

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] |
|---|---|---|
| | 153 | 59 |
| Fire resistance wall (Dutch market DGMR) | EI [minutes] | Max. height fire performance |
| | EI60 | 4200 |
| Sound insulation | Sound insulation Rw ($C;C_{Tr}$) Simulation | |
| | 61dB (-4;-10) | |
| 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[Basic] or VarioShield[Plus] with 1.5 mm lead
2. Standard plasterboard 12.5 mm
3. Self-adhesive lead strips 1.5 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.

VARIOSHIELD bv
Korenmaat 12c
9405 TJ Assen

T (+) 31 592 330123
E info@varioshield.com
W www.varioshield.com

Chamber of Commerce number: 71981128
Bank: IBAN NL73RABO0311965679 BIC RABONL2U
VAT: NL858927081 B01