DATA SHEET
Version: 1 June 2017

GERA Folding Sheet with Screen Film, grey

Applications	Impact sound insulation combined with separation layer for use with underfloor heating screed.
Properties	EPS impact sound insulation ensures vertical acoustic decoupling. Grid format used as a mounting aid to facilitate alignment of water pipes with underfloor heating screed.

Technical data

Material:	Impact sound insulation comprising white sheets of expanded polystyrene (EPS, "Styropor"). Laminated, silver grey, PP strips of fabric foil with printed black or red grids.

Impact sound insulation

Dynamic stiffness pursuant to DIN 18164/ 4:	[MN/m³]	≤ 20
Heat transfer resistance at WLG 045:	[m²K/W]	0.55
Impact sound reduction with 70 kg of screed:	[dB]	28
Traffic load:	[kN/m²]	4.0
Application type pursuant to DIN 4108:	045 DES sm	

Foil

Small strips warp/weft – fineness:	[dtex]	1,000 / 1,000
Small strips warp/weft – number:	[per 10 cm]	45 / 35
Strength pursuant to DIN 53857:	[N/ 5 cm]	700 / 700
Elongation pursuant to DIN 53857:	[%]	14 / 13
Weight pursuant to DIN 53353:	[g/m²]	65
Coating silver:	[g/m²]	approx. 35

Storage:	See notes
Delivery:	Surface area: 1.000 x 1.000 (foil 1.030 x 1.030) mm Thicknesses: 20, 25, 30 or 40 mm 1 packet = 10 m²
Notes:	Can be stored and used at relative air humidity of 50-70% / temperatures 15-25°C. Avoid extreme temperature fluctuations directly before use. Under these conditions, the product can be used for up to 6 months after manufacture.