DATA SHEET

Version: 1 June 2017

GERA 8 mm 27 dB Impact Sound Insulation Sheeting

made from PE foam, for increased sound protection

Applications

Horizontal acoustic decoupling of screeds with low thickness.
Impact sound insulation under stone floors and in stairwells.
Impact sound insulation on worn floorboards in old buildings.
Impact sound insulation of ceilings between floors in a prefabricated house.

Properties

GERA impact sound insulation sheeting is composed of polyethylene foam. This PE foam is manufactured without the use of CFCs/HCFCs. It is food safe, plasticizer-free and impermeable to water because of its cell structure.

Technical data

Material:	Closed cell, extruded, moisture-resistant polyethylene foam (PE foam), laminated with 4 layers, 2 mm thick, bulk density of approx. 25 kg/m³
Impact sound reduction:	27 dB pursuant to DIN 4109 T 2 on Group II solid ceilings Inspection Certificate No. DE74694.
Coefficient of thermal conductivity:	0.045W/mk
Water vapour diffusion resistance factor µ:	2.900 pursuant to DIN 52615 ISO 1663
Water absorption:	< 2% pursuant to DIN 53433
Fire behaviour:	B2 pursuant to DIN 4102
Storage:	Protect from sunlight otherwise risk of decomposition
Delivery:	Thickness: unloaded approx. 8 mm with load of 200 kg/m² (≈ 0.2 kPa (KiloPascal)) approx. 5-6 mm 1 roll = 1.25 x 50 m

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Notes:

Reinforced concrete ceilings
Raw ceilings must be swept clean. Remove coarse unevenness. Roll out GERA 8 mm 27 dB impact sound insulation sheeting and glue joints together. Apply GERA edge insulation strips to the walls.

Renovation of old buildings and wet rooms
Lay impact sound material on the floor, create a butt joint and lay chipboard. We recommend our GERA Super Adhesive Tape to glue the junctions together firmly without any folds.

Underfloor heating without adequate height
Lay GERA 8 mm 27 dB impact sound insulation sheeting beneath the underfloor heating insulation material.

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