

DATA SHEET

Version: 1 June 2017



GERA TDZ 6/5 mm Impact Sound Insulation Sheeting

made from PE foam, with Building Inspection Certification

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), bulk density of approx. 23 kg/m ³ Building Inspection Certificate No. Z-23.21.1542 dated 15.09.2014
Impact sound reduction:	19 dB pursuant to DIN 4109 T 2 on Group II solid ceilings
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. 6 mm with load of 200 kg/m ² (\approx 0.2 kPa (KiloPascal)) approx. 5 mm 1 roll = 1.50 x 75 m

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The above values are intended as a guide or have been obtained under laboratory conditions and do not constitute any guarantee of product properties. We recommend carrying out preliminary tests to check that our products are suitable for use with other products. Under our General Terms and Conditions, we guarantee consistently high product quality, but due to the many possible applications, we cannot accept any liability for specific results in practical applications. This data sheet supersedes any previous versions.



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Notes:

Reinforced concrete ceilings

Raw ceilings must be swept clean. Remove coarse unevenness. Roll out GERA impact sound insulation sheeting TDZ 6/5 mm 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 impact sound insulation sheeting TDZ 6/5 mm beneath the underfloor heating insulation material.

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