



SINTON® S

SINTON® S is a self-adhesive, flexible insulation board to prevent sound bridges between the stair flight / landing and the staircase wall. SINTON® S is available in rolls of 15 m length and standard widths of 240 mm, 360 mm, 420 mm and 480 mm.

Material foam		
Designation		XLPa 35F
Material group		Cross-linked polyolefin foam
Cell structure		Closed cells
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Properties	Norm	Typical value
Density	DIN 53420	35 kg/m ³
Tensile strength //	ISO 1798	33 N/cm ²
Tensile strength ⊥	ISO 1798	25 N/cm ²
Elongation //	ISO 1798	82 %
Elongation ⊥	ISO 1798	76 %
Compressive strength, deflection 25%	ISO 3386	52 kPa
Compressive strength, deflection 50%	ISO 3386	121 kPa
Water absorption 24h	DIN EN 12087	< 1 vol.-%
Working temperature		-50 °C to + 95 °C
Thermal conductivity	ISO 8301	0,040 W/mK (at 10 °C) 0,045 W/mK (at 40 °C)
Storage conditions		Protect from UV rays

Fire protection

In its application between stairs and staircase wall, the impact sound insulation board SINTON® S corresponds to building material class B1 according to DIN 4102-1 (see report no. 2302/162/21 of MPA Braunschweig).

Installation

- The substrate of the component to be bonded must be dry and dust-free.
- Remove the protective film from the adhesive surface and press the sound insulation board firmly onto the component.
- The impact sound insulation boards must be connected to each other without gaps. We recommend covering the joints with adhesive tape over the joints.
- The sound insulation board can be cut by hand with a simple cutting tool.

