→ ISOLMANT **STRONG**

Acoustic resilient layer made of high-density expanded closed-cell physically cross-linked polyethylene. It is suitable for impact sound insulation and vibration isolation in case of heavy loads.

	isolmantStrong
THICKNESS	Approx. 6 mm
DENSITY	Approx. 70 kg/m^3
COMPRESSIVE STRENGTH	deformation 10%: 85 kPa deformation 25%: 120 kPa deformation 50%: 185 kPa
COMPRESSION SET	0,5 h after discharge, 23°C: 8% 24 h after discharge, 23°C: 3% after 22 h load causing 25% deflection
THERMAL CONDUCTIVITY	λ = 0.043 W/mK
THERMAL RESISTANCE	R_t = 0.140 m^{2}K/W
SPECIFIC HEAT CAPACITY	c = 2100 J/kgK
VAPOUR RESISTANCE	μ = 6700
EQUIVALENT AIR LAYER THICKNESS	S_d = 40 m
SIZE	Rolls of 1.50 m x 50 m (h x L) = 75 m^2
PACKAGING	Single rolls

→ Conditions of use

Isolmant Strong is recommended for impact sound insulation and vibrations isolation in case of very heavy loads. In non-residential structures it can be used also by overlapping some layers on each other when live loads exceed 5 kN/m^2.

→ Item specifications

The resilient layer is made of high density physically cross-linked polyethylene foam for impact sound insulation and vibrations isolation with high compressive strength under heavy loads (live loads exceeding 5 kN/m^2) (Isolmant Strong type). Thickness 6 mm, density 70 kg/m^3. 10% compressive deformation with 85 kPa. 3% residual deflection after 24 h (after 22 h load causing 25% deflection).

isolmant by TECNASFALTI

Via dell'Industria 12, Località Francolino 20080 Carpiano (Mi) Tel. +39 02 9885701 Fax +39 02 98855702 clienti@isolmant.it **www.isolmant.com**