

SOUND INSULATION CALDIFOL FR – polymeric mass layer

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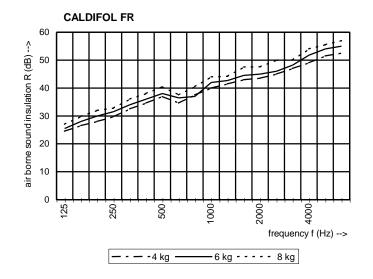
CALDIFOL FR	Thickness	Weight
FR 4	2 mm	4 kg/m ²
FR 6	3 mm	6 kg/m²
FR 8	4 mm	8 kg/m²
FR 10	5 mm	10 kg/m²

Description	Caldifol FR is a mass layer made of a polymeric compound filled with self-extinguishing mineral fillers. The product can be provided with aluminium top-layer and as a self-adhesive product. Caldifol FR has a beige/white or dark grey color and is suitable for indoor use.	
Characteristics	 Acoustic insulating and anti-drumming of steel, fiberglass reinforced plastic, laminated plastic and plywood Developed for applications where safety standards require the product to be fire resistant, with extremely low smoke density/toxicity and no hot dripping Density (ASTM D1817, DIN 53479, UNI EN ISO 1183-1 e 2): 2,1 ± 0,1 Hardness (Shore A) Approx: 85 ± 10 Flame retardant in accordance with UNI 9176-8457-9174 NF P 92501: Classe 1, M1 UNI ISO 3795 UL94, 0 NF F16-101, NF F 16-102, STM-S-001 Index C: F1/F0 UNI EN 13501-1 :2002, UNI EN 13823, UNI EN ISO 11925: B s1 d0 DIN 4102-1, class B1 (white version, with aluminium top layer) MCS.61(67) part 5, IMO resolution A653, SOLAS 2000: passed CEN/TS 45545-2:2009 R1 Thermal conductivity (EN 12667: 2001, EN 12664: 2001): 0,213 W/m°K Service temperature (continuously) -30 / + 90 °C Bitumen, halogen and phosphate free. Fully compliant with GADSL regulations 	
Application	Machine building, automotive industry, railways, shipbuilding, building and construction industry	
Processing	Surface must be clean, dry and dust and grease free Porous and absorbent surfaces priming with TEROKAL-2444 Apply Caldifol FR with self-adhesive at approx. 20 °C Easy to cut with a (Stanley) knife, with scissors or to saw with a band saw Various varnishes and paints contain silicones or other adhesive corroding components which could redu the effect of the self-adhesive Caldifol FR without self-adhesive can be glued with TEROKAL-2444 contact adhesive (about 300 g/m ²) of possibly with BARYVIBRO V607 2-component adhesive (about 1,0 kg/m ²) To avoid noise leaks it is important that seams between mats and other openings like bushings are carefully sealed with a silicone rubber mastic	
Sizes	Standard sheets of 1000 x 1000 mm Other weights and thickness available upon request	
Storage	When applied with self-adhesive layer, max. storage time 6 months	



SOUND INSULATION CURVE (R)

Insulation material Base Measured according to : CALDIFOL FR : 1 mm steel plate : DIN 52210





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zijn zo correct mogelijk weergegeven maar zij vrijblijvend en bieden geen garanties. Bij twijfel ove toepassing/verwerking zelf een test uitvoeren of Ati raadplegen. Wij behouden ons het recht om zonde kennisgeving vooraf productgegevens te wijziger