

SOUND INSULATION

CALDIFOL P – flexible plastic mass layer



CALDIFOL	Thickness	Weight
P-5	2,5 mm	5 kg/m ²
P-8 J	3,5 mm	8 kg/m ²
P-14 J	6 mm	14 kg/m ²

Description

Caldifol P is a flexible thermoplastic recyclable mass matt with jute weaving on one side, except the 5 kg/m².

Caldifol P has a dark grey colour and is suitable for inside use.

Characteristics

- The weight per m² is 5, 8 or 14 kg ($\pm 0,4$ kg)
- Free from lead, bitumen and aromatic oils
- Excellent sound insulation
- Hardness: 68 Shore A
- Flame retardant in accordance with FMVSS 302
- Temperature resistant to 80 °C
- Chemical resistant to mineral oils

Application

Sound insulation enclosures of engines, industrial machinery, ventilation housings, compressors housings, generators, façade plates, convector housings, air ducts, partition walls, pipes, etc.

Glue on jute-side with TEROKAL-2444 contact adhesive (about 300 g/m²), or possibly with BARYVIBRO V607 2-component adhesive (about 1,0 kg/m²)

To avoid noise leaks it is important that seams between mats and other openings like bushings are carefully sealed with a silicone rubber mastic

Easy to cut with a (Stanley) knife, with scissors or to saw with a band saw

Sizes

Sheets of 1260 x 1000 mm

For weights and thicknesses see table above

Dye-cut to size parts available

Storage

The maximum stack height is 70-120 plates

By temperature between 15-25 °C is max. storage time 3 months

SOUND INSULATION CURVE (R)

Insulation material : CALIFOL P-8-J and CALDIFOL P-14-J
 Base : 1 mm steel plate
 Measured according to : DIN 52210

