

SOUND INSULATION

CALDIFOL P – flexible plastic mass layer



| CALDIFOL | Thickness | Weight |
|----------|-----------|----------------------|
| P-5 | 2,5 mm | 5 kg/m ² |
| P-8 S | 3,5 mm | 8 kg/m ² |
| P-14 S | 6 mm | 14 kg/m ² |
| S=scrim | | |

Description

Caldifol P is a flexible thermoplastic recyclable mass matt with scrim on one side, except the 5 kg/m² (bare pure mass).

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

Characteristics

- The weight per m² is 5, 8 or 14 kg (± 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 up to 80 °C
- Chemical resistant to mineral oils

Application

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

Glue on scrim-side with TEROKAL-2444 contact adhesive (approx. 300 g/m²), or possibly with BARYVIBRO V607 2-component adhesive (approx. 1,0 kg/m²) (for details with respect to bonding we refer to the relevant product datasheets)

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

For application from head level and up, Caldifol P needs to be mechanically secured

Sizes

Sheets of 1260 x 1000 mm

For weights and thicknesses see table above

Die-cut tailor-made 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-S and CALDIFOL P-14-S
 Base : 1 mm steel plate
 Measured according to : DIN 52210

