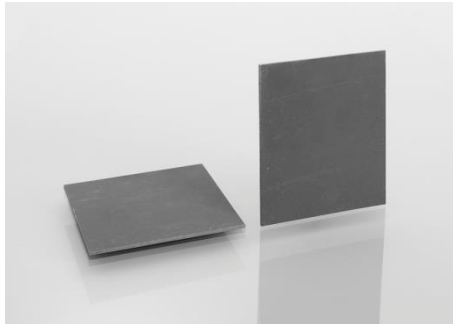


SOUND INSULATION

BARYFOL P – thermo-plastic layer



BARYFOL	Thickness	Weight
P-5/2	2,1 mm	5 kg/m ²
P-S5/2	2,1 mm	5 kg/m ²
P-8/3	3,5 mm	8 kg/m ²
P-S8/3	3,5 mm	8 kg/m ²
P = mass (EVA) S = self adhesive		

Description

Baryfol P is a thermo-plastic synthetic material made of unvulcanized synthesis caoutchouc (e.g. ethyl-vinylacetate Copolymer), heavy mineral fill material and softing agents. The flexibility of Baryfol P is proportion with the mass, therefore this product is excellent usable for sound insulation. Baryfol P has a grey colour.

Characteristics

- Temperature resistant
 - Long time (336 hours) maximum 80 °C
 - Short time (1 hour) maximum 150 °C
- Density 2,4 ± 0,2 kg/dm³
- Flame retardant following
 - DIN 4102 B2,
 - FMVSS 302,
 - DIN 7520
 - ASTM E662
- Insulation value R(dB) measured following DIN 52210
- R(dB) by a frequency of 200 Hz : 14 dB
- R(dB) by a frequency of 2000 Hz : 34 dB

Application

Traditional building: (doors, floors, secondary walls, roll-down shutter casing etc.) bus industry, yachts, trains, industry (machines etc..)

Baryfol P has a perfect adherence on steel, sheet-steel and different kind of plastic materials; however it is not appropriated as corrosion protection.

It is recommended to apply the material under a temperature higher than 18 °C or to heat before application.

Due to the composition of the material, white scratch marks released on the surface are normal; this does not affect the function of the material.

Processing

Before the application of BARYFOL P the foil must be peeled off.

The surfaces to be covered must be clean and dry, free of dust, oil, grease and other anti-adhesive substances.

Baryfol P can be applied directly on building elements to increase the total acoustic mass (like steel plate, aluminium).

Baryfol P should be pressed to the other surface (with the hand or with a roll).

Sizes

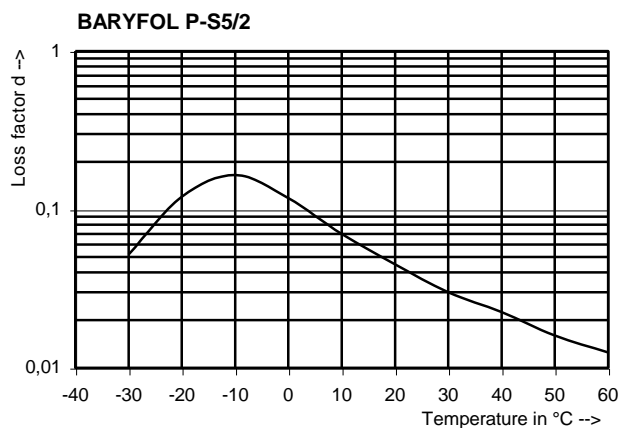
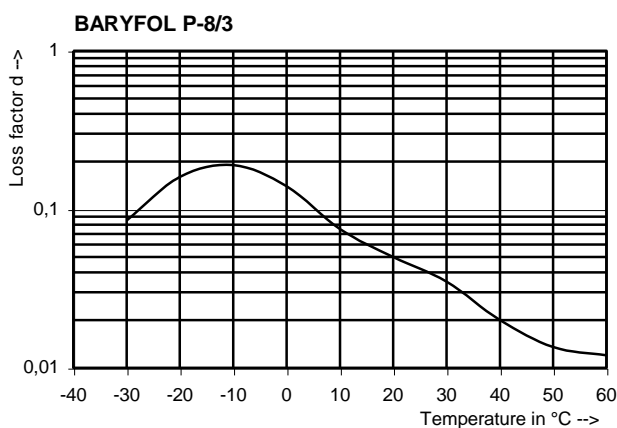
Sheets of 1000 x 1000 mm
Other dimensions available

Storage

By temperature between 15-25 °C, shelf-life abt. 12 months.

LOSS FACTOR

Insulation material : BARYFOL P
Base : 1 mm steel plate
Frequency : 200 Hz
Measured according to : DIN 53440



LOSS FACTOR

Insulation material : BARYFOL P
Base : 1 mm aluminium plate
Frequency : 200 Hz
Measured according to : DIN 53440

