

## ABSORPTION

### ABSORBEL PU – sound absorbing foam with film top layer



ABSORBEL	Colour	Thickness	Weight
S 20 PU W	white	20 mm	0,6 kg/m <sup>2</sup>
S 25 PU W	white	25 mm	0,75 kg/m <sup>2</sup>
S 40 PU W	white	40 mm	1,2 kg/m <sup>2</sup>
S 13 PU B	black	13 mm	0,4 kg/m <sup>2</sup>
S 15 PU B	black	15 mm	0,5 kg/m <sup>2</sup>
S 20 PU B	black	20 mm	0,6 kg/m <sup>2</sup>
S 25 PU B	black	25 mm	0,75 kg/m <sup>2</sup>
S 30 PU B	black	30 mm	0,9 kg/m <sup>2</sup>
S 40 PU B	black	40 mm	1,2 kg/m <sup>2</sup>
S 50 PU B	black	50 mm	1,5 kg/m <sup>2</sup>

S = Selfadhesive; PU = PU-film layer

#### Description

Absorbel Pu is an open cell polyurethane foam with very thin, but strong and decorative, polyurethane protective top layer (PU).

Absorbel Pu has a black or white colour and is suitable for indoor use.

#### Characteristics

- Very good noise absorption qualities, for higher frequencies as well
- Thin protective layer hardly affects the absorption properties
- Flame retardant in accordance with DIN 53438, MVSS 302
- Easy to cut with a (Stanley) knife, with scissors or to saw with a band saw
- Protective layer is resistant to splashing, oil, petrol, hydrocarbons, solvents and suchlike (in accordance with DIN 53168) and prevents penetration of fluids and vapours into the foam
- Resistant to ageing
- Temperature resistant from -30 to 90 °C

#### Application

Automotive industry, yacht and ship building, housing, electrical appliances, machine building, cabin construction

#### Processing

Surface must be clean, dry and dust and grease free

Glue non-self adhesive sheets on foam-side with TEROKAL-2444 contact adhesive (about 300 g/m<sup>2</sup>)

We advise priming rough or porous surfaces (i.e. wood, stone) with TEROKAL-2444

Good adhesion is obtained by carefully pressing and rolling down

Do not process sheets at temperatures below 10 °C

We recommend taping the seams with ABSORBEL TAPE black if there is a risk of moisture or vapours penetrating through the seams of the sheets

#### Sizes

Sheets of 1000 x 1400 mm or off the roll, length depends on thickness of material

ABSORBEL TAPE: 70 mm wide, on 50 meter roll

For weights and thicknesses see table above

Dye-cut to size parts available

## ABSORPTION VALUE

Absorption material : ABSORBEL PU  
 Measured follows : DIN EN 20354

