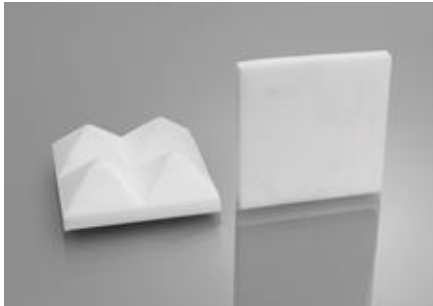


## ABSORPTION

### FLAMEGUARD 20+50 PYR - noise absorbing melamine foam



FLAMEGUARD	Dikte	Gewicht
20+50 PYR	70 mm	0,32 kg/m <sup>2</sup>
PYR= Pyramide structure		

<b>Description</b>	Flameguard 70 PYR is an open cell noise absorbing foam on the basis of melamine synthetics. Flameguard 70 PYR has a grey colour and a high resistance to temperature.
<b>Characteristics</b>	<ul style="list-style-type: none"> <li>• Light weight measured in accordance with ASTM C384-77</li> <li>• Resistant to water, oil, fuels and many solvents and cleaning agents</li> <li>• Peak load to <math>\pm 295</math> °C possible</li> <li>• Fire-retardant, in accordance with BS 476 part 7 class 1</li> <li>• Thermal insulation value               <ul style="list-style-type: none"> <li>- at 10 °C 0,033 W/mK</li> <li>- at 40 °C 0,037 W/mK</li> </ul> </li> <li>• Hygroscopic</li> <li>• High linear expansion coefficient</li> <li>• Temperature resistance -43 to 200 °C continuous</li> </ul>
<b>Application</b>	Shipping, yacht building, audio branch, car and airplane industry
<b>Finishing</b>	AIRISOL aluminium foil, AIRISOLFLEX glass fibre, AIRISOL glass cloth AIRISOL marine cloth, etc. in combination and/of sandwich of choice
<b>Processing</b>	Surface must be dry, dust and grease-free and no hotter than 80°C Cut to size with Stanley knife, scissors or band saw Can also be applied to slightly curved surfaces Can also be glued with TEROKAL-2444 contact adhesive (approx. 1 kg/m <sup>2</sup> ) At higher temperatures or strongly changeable relative humidity consideration must be Given to higher linear expansion and other methods of attachment are advised
<b>Sizes</b>	Sheets of 980 x 980 mm For weights and thickness see table above Other sizes are available

## ABSORPTION VALUE

Absorption material : ABSORBEL 20+50 PYR  
Measured according to : DIN 52215

