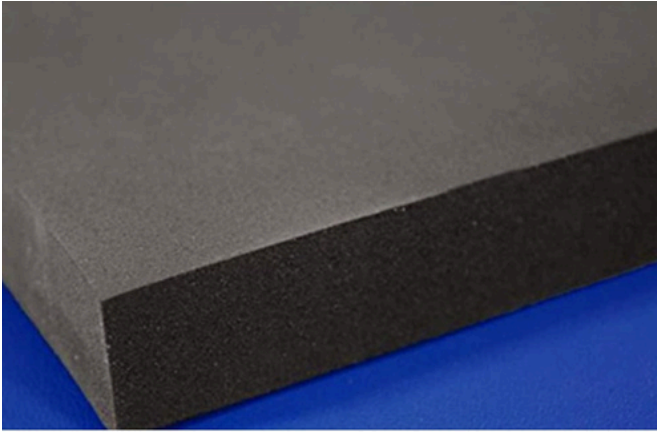




InnoFoam - Black

InnoFoams is open-celled, impregnated polyurethane foam black for acoustic insulation. It's absorbed a mineral component which increases the ability of flame retardant and it supports fire retardant properties. It is not affected by any bacteria and doesn't shelter. The products have a uniform appearance, sound absorbing properties and thermal properties.

Technical Features

The product is produced as sheets; die cut parts or kits. Thicknesses can be from 5mm to any thickness required. Egg-crate, pyramid and labyrinth formed products have better sound performance due to their wider surface areas compared with flat one. Sound waves are faced with more surface on either corrugated or pyramid form.

TECHNICAL DATA

A. Physical Specifications:

Specification	Value
Density	50 (+, - 10 kg/m ³)
Thickness	From 3mm to 50mm
Tensile Strength	< 70 kPa.
Tension Capacity	100%
Thermal Conductivity	0,040 W/m/K.
Thermal Resistance (short usage)	-30 °C , +110 °C
Thermal Resistance (regular usage)	-20 °C, +90 °C

B. Fire Resistance Test Summary:

Property	Value
FMVSS302-Burning Rate	< 100mm/min
Burning Behaviour	Self Extinguishing

C. Possible Post Treatments: The product supplied in is available with a self-adhesive backing and a wide variety surface finishing. The product can be composite form with lead or polymeric barriers and damping sheets.

Face Material	
*PU film	Black, resistant up to 155 °C
*Alu-R	Aluminum, resistant up to 120 °C; reinforced with mesh
*PTX 60	65 g/m ² , flame retardant special non-woven with micro-holes, water repellent, resistant up to 90 °C
*FBT 75	75 g/m ² , flame retardant acoustic special non-woven, resistant up to 110 °C
*Fiber	200 gr/m ² Woven fiberglass, resistant up to 550 °C
*Aluminum Fiber	Aluminum foil coated Woven fiberglass, 200 g/m ² , resistant up to 550 °C
*PU film reinforced	Bi-layer PU film, black, resistant up to 155 °C
*Sound Barrier	Vinyl, Thickness is 2mm, Density 3,9 +, -2kg/m ² lead, Thickness is 0,5 mm, Density 7 kg/m ²
*Black Side PSA	Self adhesive, resistant to max 80 °C, Modified Acrylic, Liner is

The tolerance regarding thickness is +, -1mm for the products up to 15 mm and, +, - 2mm for the products of thickness 20 and above.