



5kg Polymeric Barrier

Description

This is a vinyl sound barrier mat, loaded with naturally occurring, non-toxic minerals. The product is free from lead, unrefined aromatic oils and bitumen.

Application

This barrier is designed to improve acoustic insulation of existing panels of metal, wood and plastic, at all sound frequencies. The mat is normally glued to the original panel. Polymeric barrier is a REVAC® type obstruction which are particularly effective in overcoming coincidence dip resonance, which is a characteristic of lightweight composite structures such as plywood sheets and hollow core panels. 5Kg Polymeric Barrier's properties make it an ideal choice for acoustic mitigation on offshore rigs and vessel bulkheads

Physical Properties

| | |
|--------------------------------------|-----------------------------------|
| Colour | Black |
| Hardness | 90 Shore A |
| Weight | 5.0kg/m ² |
| *Nominal Thickness | 2.0mm |
| Tensile Strength | 2.6Mpa |
| Elongation at Break | 90% |
| Flammability | FMVSS Self-extinguishing |
| Operating temperature Range (Static) | -30°C to 65°C (some softening) ** |

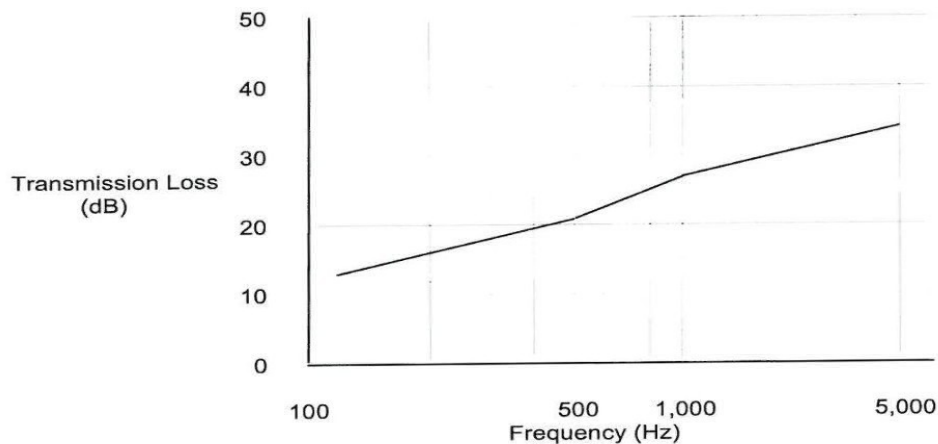
*Material is constructed to a weight tolerance

** Thermally Stable for periods up to 93°C

Acoustic Performance

Typical curve for a 5kg/m² limp barrier.
 Mean Sound Reduction Index: 22dB

Transmission Loss Curve to ISO R140 Free Hanging Curtain
 Mean Sound Reduction Index (Typical for a 5kg/m² barrier): 22dB



Note: The information and instructions provided in relation to our products are based on experimental and practical experience and are general recommendations. Local conditions can affect the results and as the qualification and experience of the personnel used in the installation is beyond the control of Cammach Group Ltd we do not take responsibility for the results obtained when using our products.

