



### DESCRIPTION

A self-adhesive bitumen sound insulation board made of a mixture of bitumen, elastomer and fillers with variable granulometry; it is an acoustic insulation product aimed at airborne noise reduction and impact noise insulation; it is laminated to a solvent-free modified acrylic adhesive.

### CHARACTERISTICS

- **Side view:** PE sheet Black, diamond pattern.
- **Application side:** Solvent-free acrylic based self-adhesive without liner protected by a removable yellow paper liner
- **Thickness:** 3 mm
- **Surface weight:** 3.0 to 10.0 kg / m<sup>2</sup>
- **Flexibility:** T<sub>≥</sub> + 10 ° C [20mm cylinder].
- **Working temperatura:** from -20 ° C to + 80 ° C
- **Burning speed:** v = 0 mm / min fire resistance: self-extinguishing [UNI ISO 3795]
- **Fire rating:** V2 in vertical position
- **Adhesive:** ≥ 2.5 N / cm average value at 90 ° C after 2h
- **Adhesive instantaneous adhesión:** ≤ 7 cm
- **Loop test (Adhesive):** ≥ 10 N / 25mm
- **Maximum shelf life:** 6 months, at a shelf temperature of 10°C to 35°C, avoiding direct sunlight.

### APPLICATION AND USE

It is particularly suitable for applications where moderate flexibility is required at room temperature. It can be laid on flat or slightly curved surfaces during application.

It is particularly suitable for the realisation of flat acoustic insulation materials through lamination with sound absorbing materials (felts, polyurethanes, etc.).

It is designed for application in:

- Household appliances and electrical appliances - Lifting cabins - Metal furniture - Steel sinks - Tubs - Various types of equipment and machinery.

## Application

- Self-adhesive materials should be applied at a temperature between 20°C and 40°C on all types of substrates, compact or honeycomb.
- If the material has been stored at cold temperatures, the self-adhesive surface can be reactivated prior to application by exposure to a temperature of approx. 40°C.
- If reactivation is not possible through exposure to heat, it is at least necessary to keep the material at room temperature for a minimum of 24 hours (20°C).
- The self-adhesive material should be applied over the entire surface, taking care to prevent air from remaining between the material and the receiving surface.
- For greater adhesion efficiency, it is advisable to exert a constant and regular pressure over the entire surface (at least 200 g / cm<sup>2</sup>). For large surfaces, we suggest and recommend the use of a roll or an equal tool. The receiving surface on which the self-adhesive material is applied must not be cold:
  - must not be cold
  - must not show grease or oils
  - must be dry
  - must be free of dust or impurities.
- For the application of self-adhesive materials on plastic substrates, in order to obtain a sufficient adhesive and bonding effect, it is necessary to ensure a regular surface tension, namely at least 38 dynes / cm. The adhesive improves its bonding effect within 24-28 hours after application.

## SAFETY INFORMATION

See Safety Data Sheet.

## AVAILABLE PACKAGING

Code	Description	Packaging
2005-006000	SOUNDPROOF SHEET 500 X 500	2 MM
2005-006001	SOUNDPROOF SHEET 500 X 500	3 MM

\*For more information about our products or means of application, please visit our website [www.carrepairsystem.eu](http://www.carrepairsystem.eu) or send us an e-mail to [info@carrepairsystem.eu](mailto:info@carrepairsystem.eu)

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