



KOLBIT

Water-based bituminous adhesive for expanded polystyrene (EPS) insulation boards.

Colour

Black

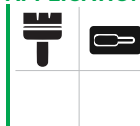
Average consumption

2-4 kg/m²

Packs

5 kg • 20 kg

APPLICATION



DESCRIPTION

KOLBIT is a blend of bitumens, emulsifiers, additives and polymers in an aqueous emulsion, ideal for bonding materials that would otherwise be attacked by solvents.

INTENDED USE

Its properties make it suitable for bonding expanded polystyrene insulation boards and similar materials, or cork, to absorbent substrates such as cement-based renders.

ADVANTAGES

- Ready to use
- Water-based product
- Ideal for bonding materials that would otherwise be damaged by solvents
- Suitable for both vertical and horizontal application

HOW TO USE

Substrate quality

Both surfaces to be bonded must be perfectly clean and free from dust, oil, grease, old adhesives and anything else that could cause the bonded parts to come away.

The surfaces must, of course, be sound and completely dry.

Application after substrate preparation Apply KOLBIT at several points on the panel—at least 10 spots per m²—or in strips about 5 cm wide, with a minimum of 4 strips per m². Then bond by pressing the panel onto the surface to be covered. Do not apply KOLBIT continuously over the entire panel surface.

TECHNICAL DATA

PRODUCT DATA	
Type	single-component
Colour	brown (inside the packaging)
VOC	Directive 2004/42/EC High-performance single-component paints (BA). EU limit value for this product (cat. A/i): 140 g/L KOLBIT contains max. 32 g/L of VOC
Storage	12 months from the production date when kept in the original packaging, in a dry place at a temperature between +5 and +35 °C
APPLICATION DATA	
Specific gravity	1.18 +/- 0.05 g/cm ³
Minimum application temperature	+ 15 °C / + 35 °C
Dust-free (23°C, 60-65% RH, air speed < 0.2 m/s)	60 min
Touch-dry (23°C, 60-65% RH, air speed < 0.2 m/s)	120 min
Fully cured (23°C, 60-65% RH, air speed < 0.2 m/s)	7 days
Average consumption per spot	60-70 g
Average total consumption	650 g/m ² (based on 4 strips of 5 cm)

PACK SIZES

5 kg • 20 kg

WARNINGS

Do not apply at temperatures below 5 °C.
Do not apply to surfaces subject to continuous rising damp and moisture.
Do not apply to wet or frozen surfaces, or if these conditions are expected within the next 12 hours.
Do not apply in persistent fog; do not apply directly to surfaces with a pH greater than 11. Cement and/or concrete substrates must be fully cured (over 28 days).
During application, note that high humidity levels slow down the product's drying time.
Store unopened packs in their original packaging, in a dry place at a temperature between +10 and +35 °C.
When in use, wear protective gloves and safety goggles, and take all necessary precautions.
For further, complete information on safe use of the product, please refer to the latest version of the safety data sheet.
For further information on applying KOLBIT, please contact our Technical Office.

SPECIFICATION CLAUSE

Bonding of insulation boards and materials in expanded polystyrene, cork, plastic and similar to absorbent substrates such as cement renders, using a bituminous adhesive in aqueous emulsion known as KOLBIT (Naici), applied in at least 10 spots per m² or in strips approx. 5 cm wide, at least 4 per m², after thorough cleaning of the surface.

This data sheet is based on our best knowledge of the product. As we cannot exercise any control over its application and as there are numerous possible uses, NAICI accepts no liability for the use of the product. Always refer to the latest updated version of the technical data sheet, available at naici.it, or contact ufficiotecnico@naici.it

