

BISON KIT®

SUPER STRONG, UNIVERSAL, LIQUID CONTACT ADHESIVE.



PRODUCT DESCRIPTION

Super strong, universal, liquid contact adhesive based on neoprene rubber.

FIELD OF APPLICATION

Bonds plastic panel boards (such as Formica®), veneer, hardboard, plastic edges, rubber, leather, linoleum, cork, textiles or polyether foam to itself as well as to wood, chipboard, concrete and metal. Excellent for bonding stair edgings, floor covering or stair carpets, furniture tips or felts, among other things. Also for repairing shoes, bags, toys and carpets, or doing (hobby) handicraft work, for example. Not suitable for polystyrene foam (polystyrene foam - tempex), polyethylene (PE) and polypropylene (PP).

PROPERTIES

- Bonds immediately
- Super strong
- Suitable for materials under strain
- Very universal
- Liquid
- Moisture and frost proof
- Easy to apply
- Resistant to temperatures between -40°C and +70°C

PREPARATION

Working conditions: Apply only at temperatures between 15°C and 25°C and a maximum air humidity of 65%. In order to prevent the formation of bubbles due to condensation, the temperature of the adhesive and materials to be bonded should be the same as the ambient temperature and preferably between 18°C and 20°C. Do not place surfaces with an adhesive application in a draught.

Preliminary surface treatment: The materials to be bonded should be dry

and free of grease and dust. Parts should fit together well. For optimal result, degrease first.

Tools: Solid brush or fine-toothed (1mm) glue spreader to cover large surfaces.

APPLICATION

Coverage: 2-2,5 m² per liter, applied to both sides, depending on nature of materials to be bonded.

Directions for use:

Apply adhesive thinly and evenly to both sides using a fine-toothed (1mm) glue spreader or brush. Let dry for at least 10-40 minutes. As soon as adhesive stops stringing, join parts. No adjustments possible. Avoid entrapping of air bubbles. Firmly tap, roll or press materials.

Time to press (+20°C): Short. Exercised pressure is more important than time.

Open time: 10 - 40 minutes. Adhesive should be dry to the touch and have stopped stringing. Open time depends on porosity of materials (the more porous, the faster the adhesive is absorbed so open time is shorter) and temperature (a high temperature results in faster evaporation of the solvent, so open time is shorter).

Stains/residue: Remove fresh stains immediately with Thinner for Bison Kit®. Dried stains can only be removed mechanically or with paint remover (test first).

Points of attention: Should bonded, porous materials be exposed to long-lasting contact with water, adhesive may debond from wet surface.

CURE TIMES

Full bond strength: Full bond strength after approx. 24 hours

* Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.

TECHNICAL PROPERTIES

Moisture resistance: Good

Temperature resistance: -15°C to +70°C

Chemicals resistance: Resistant to oils, bases and acids.

Elasticity: Very good

TECHNICAL SPECIFICATIONS

Chemical base: Neoprene rubber

Colour: Yellow / brown

Viscosity: Liquid

Solid contents: approx. 24 %

Density: approx. 0.86 g/cm³

Flash point: K1 (<21°C)

STORAGE CONDITIONS

At least 24 months after date of manufacture. Limited shelf life after opening. Store in a dry, cool and frost free place.