

BISON KIT®

SUPER STRONG, LIQUID, UNIVERSAL CONTACT ADHESIVE.



PRODUCT DESCRIPTION

Super strong, liquid, universal contact adhesive based on neoprene rubber, synthetic resins and solvents.

FIELD OF APPLICATION

Bonds plastic panel boards (such as Formica®), veneer, hardboard, plastic edgings, rubber, leather, linoleum, cork, textile or polyether foam to themselves as well as to wood, chipboard, concrete and metal. Excellent for bonding stair edgings, stair carpets, chair tips or furniture felts. Also for repairing e.g. shoes, bags, toys and carpets or for (hobby) handicraft work. Not suitable for polystyrene foam (styrofoam, tempex), polyethylene (PE) and polypropylene (PP).

PROPERTIES

- Bonds immediately
- Super strong
- Suitable for materials under tension
- Very universal
- Liquid
- Moisture- and frost-proof
- Easy to apply

PREPARATION

Working conditions: Apply only at temperatures between 15°C and 25°C. Max. relative humidity: 65%. To avoid blistering due to condensation, temperature of adhesive and materials to be bonded must be at least equal to ambient temperature, preferably between 18°C and 20°C. Never expose glued-in surfaces to draught.

Preliminary treatment: Materials to be bonded should be dry and free from

grease and dust. Parts should fit closely together. For optimal result degrease with Thinner for Bison Kit®.

Tools required: Solid brush or fine-toothed (1mm) glue spreader to cover large surfaces. Roll or rubber mallet to firmly join materials.

APPLICATION

Dilute: If necessary, dilute with Thinner for Bison Kit® only.

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

Directions for use:

Stir well before use. If Bison Kit® has thickened, it may be diluted with Thinner for Bison Kit®. 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.

Pressure time (+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 strongly on porosity of surface (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

Base: Neoprene rubber

Viscosity: Liquid

Solid contents: approx. 22 %

Density: approx. 0,86 g/cm³

Flash point: K1 (<21°C)

SHELF LIFE

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

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.