

# 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, furniture tips or felt patches. Also for repairing e.g. shoes, bags, toys and carpets or (hobby) handicraft work. Not suitable for Polystyrene foam, polyethylene (PE), and polypropylene (PP).

### PROPERTIES

- Bonds immediately
- Super strong
- Suitable for materials under tension
- 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 surface 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:** Use a 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 only with Thinner for Bison Kit® only.

**Coverage:** 2-2,5 m<sup>2</sup> 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.

**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

**Viscosity:** Liquid

**Solid contents:** approx. 22 %

**Density:** approx. 0.86 g/cm<sup>3</sup>

**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.