

# BISON KIT® TRANSPARENT

## SUPER STRONG, CRYSTAL CLEAR, UNIVERSAL CONTACT ADHESIVE.



### PRODUCT DESCRIPTION

Super strong, crystal clear, universal contact adhesive based on polyurethane rubber, synthetic resins and solvents.

### FIELD OF APPLICATION

Ideal for glueing many transparent materials such as plexiglass, perspex, polycarbonate. Also glues (imitation) leather, vinyl, soft PVC, canvas, textile, and various hard and soft synthetics, such as PVC, ABS, and polystyrene. Suitable for repairing shoes, bags, toys, book covers, name plates or for (hobby) handicraft work. Excellent for glueing PVC pond liners. Not suitable for Polystyrene foam (tempex), polyethylene (PE), and polypropylene (PP).

### PROPERTIES

- Crystal clear
- Bonds immediately
- Super strong
- Does not discolour
- Suitable for materials under tension
- Universal
- Moisture- and frost resistant
- Easy to use

### 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 of grease and dust. Parts should fit closely together. For optimal result

degrease with Thinner for Bison Kit®.

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

### APPLICATION

**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:

Apply adhesive thinly and evenly to both sides using a fine-toothed (1mm) glue spreader or brush. Let dry for at least 10-25 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:** 10-25 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:** Polyurethane rubber

**Viscosity:** Liquid

**Solid contents:** approx. 21 %

**Density:** approx. 0.9 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.