

BISON KIT® ALL PURPOSE

AROMATE-FREE, UNIVERSAL, LIQUID CONTACT ADHESIVE.



PRODUCT DESCRIPTION

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

FIELD OF APPLICATION

(Surface) bonding or laminating many materials which require immediate bonding or which should be able to be submitted to a load and/or be worked immediately. Ideal for materials under tension or for curved materials with no possibility to clamp or press. Parts to be bonded should be perfectly fitting. Excellent for bonding and laminating metal and hard plastic panel boards (HPL; Formica, Duropal, Resopal), veneer, hardboard and plywood to e.g. wood, multiplex plywood, chipboard or MDF. Also for bonding flexible insulation and foam materials, cork, leather and rubber. 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: Use only at temperatures between +15°C and +25°C and at a relative air humidity of max. 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 sides to draught.

Preliminary treatment: Surfaces should be dry, clean, free of dust and grease and well-fitting. Clean and degrease surfaces to be bonded with Thinner for Bison Kit®. Pretreat strongly absorbent surfaces with diluted Bison Kit® (add 10-20% Thinner for Bison Kit®).

Tools required: Use a 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 both parts 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.

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

Open time: 10 - 25 minutes. Adhesive should be dry to the touch. Cure time depends on nature of material and temperature.

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

Handling time: approx. Immediate adherence

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. 20 %

Density: approx. 0,84 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.