

BISON KIT®

SUPER-STRONG, LIQUID, UNIVERSAL CONTACT ADHESIVE



PRODUCT DESCRIPTION

Super-strong universal contact adhesive based on neoprene rubber. For innumerable repair and DIY jobs that require immediate bonding. Extremely suitable for materials under strain. Moisture and frost proof. Resistant to temperatures between -40°C and +70°C.

FIELD OF APPLICATION

Ideally suitable for surface bonding and laminating of many materials that require immediate bonding, loading or processing. Bonds wood, board, veneer, plastic and metal panel boards (e.g. HPL, Formica®), (foam)rubber, leather, cork, canvas, linoleum and polyether foam (sound insulation), among other things, to themselves as well as to many other surfaces. Also for repairing shoes, bags, toys and carpets, and for doing (hobby) handicraft work. Not suitable for polystyrene foam (Tempex®), PE, PP and vinyl.

PROPERTIES

- Bonds immediately
- Super-strong
- Suitable for materials under stress
- Universal
- Liquid
- Moisture and frost resistant
- Simple to use
- Resistant to temperatures between -40°C and +70°C

PREPARATION

Working conditions: Only use adhesive and parts to be bonded at room temperature. The relative humidity must be below 65%. This is to avoid the formation of bubbles in the final product. Once attached, adjustment is no longer possible. Always test on an (inconspicuous) part of the surface first.

Surface requirements: Surfaces must be dry, clean, dust- and grease-free and well-fitting. Clean and degrease the surfaces to be bonded for optimal results.

Preliminary surface treatment: For optimal result, degrease first.

Tools: Use a solid brush or fine-toothed (1 mm) glue spreader to cover large surfaces. Use a roller or rubber mallet to join the materials firmly.

APPLICATION

Dilute: Dilute with Thinner for Bison Kit® only.

Coverage: 2-2.5 m²/litre, applied on both sides, depending on the nature of the materials to be bonded.

Directions for use:

Stir well before use. Should preferably not be diluted. Parts must be clean, dry and free of grease. Coat both substrates completely. Allow to dry for a minimum of 10-40 minutes. In case of porous materials, apply a second coat and let dry. Then join parts and roll or tap firmly (with a rubber mallet).

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

Open time: 10-40 minutes

Stains/residue: Remove wet adhesive residue immediately with Degreaser/Thinner for Bison Sealant®. Dried excess adhesive can only be removed mechanically or with a paint stripper (pre-test).

Points of attention: For optimum results, both the adhesive and the parts to be bonded must be at room temperature (definitely do not use below +10°C). The final bonding strength depends on the pressure applied. Therefore, press as firmly as possible across the entire surface. Should the adhesive joint between porous materials be exposed to long-lasting contact with water, the adhesive may detach from the wet surface.

CURE TIMES

Handling time: approx. Bonds immediately

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: -40°C to +70°C

Chemicals resistance: Resistant to oils, bases and acids.

Elasticity: Very good

TECHNICAL SPECIFICATIONS

Chemical base: Neoprene rubber

Viscosity: approx. 2600 mPa.s

Solid contents: approx. 24 %

Density: approx. 0.86 g/cm³

Flash point: K1 (<21°C)

STORAGE CONDITIONS

A minimum of 24 months. Opened packaging reduces the shelf life. Store frost-free and properly closed. Shelf life is a minimum 24 months.