

MK 1400-N

One-component solvent-based polychloroprene adhesive suitable for general bonding and particularly used for bonding in car saddlery. Medium viscosity, high solid content.

TECHNOLOGY

POLYCHLOROPRENE

TACK FREE

25 ÷ 30 MIN.

COLOUR

YELLOW

PROPERTIES

Technology	Polychloroprene Resin
Colour	Yellow
Density @ 23°C	0.90 ± 0,05 g/ml
Viscosity (Brookfield)	10.000 ± 3.000 cps
Solid Content (60' @ 140°C)	24 ± 2 %
Tack Free	25 ÷ 30 min.
Pot life	-
Polymerization time	24 ÷ 48 h
Operating Temperature	-40 ÷ + 95°C
Application Temperature	+15 ÷ + 30°C
Crosslinking Agent proportion	2 ÷ 6 % by weight
Approvals	FCA

DESCRIPTION

MK 1400 N is a medium viscosity polychloroprene solvent-based adhesive suitable for bonding a wide range of light substrates such as fabrics, sound-absorbing panels.

Particularly used for bonding leathers and imitation leathers in particular upholstery applications for the manufacturing industries of car seats and luxury vehicle interiors.

Used for bonding wood, agglomerates, plastic laminates, rubber, sports and non-slip floors, cork, linoleum floors, canvas, marble, smooth stones.

Recommended for the assembly of PVC and polyurethane materials. Quick and easy to apply.

High temperature resistance for automotive thermal cycles, above average solid content for strong joints resistant to shearing 180° peeling forces.

Apply with brushes, spatulas, by spray with traditional pressure systems, on both adhesives involved in bonding.



APPLICATION

- Before proceeding with bonding, prepare the substrates (see "recommendations" section)
- Shake the product thoroughly before use; hermetically close the container immediately after use.
- Apply the adhesive to both surfaces to be bonded. Leave to dry for 5 minutes or until it no longer sticks to the touch. Join the surfaces, being careful not to trap air, acting with uniform pressure on the entire area to be glued; hand pressure is usually sufficient, if necessary, use a roller.
- In conditions of high humidity, blooms may occur on the surface, inhibiting bonding and coalescence. In these conditions, it is advisable not to glue. After adding FIXDUR 100 / RC, the ready-to-use adhesive must be used within its pot-life. This is not only governed by the polymer content of the adhesive but also by other components (resins, antioxidants, solvents, etc.) At the end of the open time, usually several minutes later, the adhesive becomes increasingly difficult to process and its viscosity increases. Finally, an irreversible gelation occurs.
- Remove excess glue before it cures.
- Allow the adhesive to react for the time necessary for it to develop sufficient resistance to handling.
- The bonded surfaces must be stopped with pliers until they are completely fixed.
- The unreacted adhesive is stable in the absence of moisture. The material must be protected or purged to avoid exposure to moisture during prolonged downtime (nights, weekends).

PROPERTIES AND USES

- It can be used on different substrates (aluminium, wood, glass, plastic).
- Excellent resistance to oil
- Fast and easy to use
- It can also be used as a barrier between sealant and paint to prevent migration of plasticizers.
- Excellent adhesion on different substrates, in many occasions without the use of specific surface primers.
- Quick drying
- Not suitable for surfaces exposed to UV rays through glass or crystal surfaces
- Can be mixed with Fixdur RC crosslinked to increase reaction rate and temperature resistance.

RECOMMENDATIONS

Substrate preparation

The substrates must be thoroughly clean, dry and free of oil, grease and dust which can certainly affect the quality of the bonding. Best cleaning by use of isopropyl alcohol MK-WIPES, MK Sol-Neo or MK Sol-13 in accordance with local regulations. Degrease the PVC and metal surfaces with a non-greasy solvent. Always check the compatibility of your solvents with the substrate to be bonded. If necessary, slightly sand or strongly abrade the surfaces to be bonded.

PRECAUTIONS FOR USE

Mastikol® products should be used following the normally precautions adopted during chemical substances handling. It is recommended to wear rubber or latex gloves and to protect the eyes adequately. Thoroughly clean the skin at the end of the work shift with warm soapy water. The use of solvents is not recommended. Dry yourself with paper wipes. It is recommended to ventilate the work area well. These precautions are detailed in the Safety Data Sheets relating to the individual products and should be referred to for a complete information.

STORAGE AND PACKAGING

It can be stored for nine months in the original and sealed containers kept in a cool and dry environment.

Storage temperatures must be between 11°C and 23°C. Prolonged storage at a temperature above 23°C will reduce shelf life and the expiration date. Avoid direct contact with sunlight.

0.750 Lt | 1 LT | 5 Lt | 20 Lt pails | 200 Lt drums

NOTES

The information, in particular, the recommendations relating to the applications and use of Mastikol® products, are given in good faith and are based on current knowledge and experience of the products, when properly stored, handled and applied under normal conditions. Mastikol® assumes no responsibility for the results obtained by third parties for which there is no control over the method.

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