

Adhesive CR 2402 multifunctional contact adhesive for bonding various materials

AREAS OF APPLICATION.

Adhesive CR 2402 can be especially used for bonding some rubbers and plastics, leather, wood, laminates, chipboard, mineral wool, polyurethane foam to themselves or each other or to concrete, plaster, brick, metal.

PROPERTIES.

- High strength and good thermal stability of the assemblies.
- Resistance to hydrolysis (water resistance), acids and mineral oil.
- Good connection flexibility, including at low temperatures.
- Easy to apply.
- Excellent adhesion to most substrates.
- The mean open time, allowing to work with large surfaces.

TECHNICAL DATA.

Based	<i>polychloroprene rubber and synthetic resins in organic solvents.</i>
Colour	<i>light brown</i>
Conventional solids content, %	<i>25 – 27</i>
Viscosity at 20°C, mPa.s	<i>1000 - 1300</i>
Density at 20 °C, g/cm ³	<i>approx. 0.83</i>
Open time at 20 °C, min	<i>35</i>
Bond Strength, N/cm, 24 hour	<i>45 – 50</i>
The time to reach 70% of maximum strength, min	<i>60 – 90</i>
Temperature resistance of the assemblies (adhesive strength not less than 20 N/cm), °C	<i>70</i>
Maximum allowable operating temperature (short-term exposure), °C	<i>100</i>

PACKAGING.

Metal can 620g (0,8L)	12 units in cardboard box
Conical metal container 2,3kg (3L)	4 units in cardboard box
Conical metal container 16,5kg (20L)	
Cylindrical metal container 40kg (50L)	

STORAGE.

Storage time 12 months. Recommended storage temperature: 5 - 25 °C. Storage in original containers.

SAFETY.

Highly flammable and irritant.

This product data sheet is only valid in conjunction with the latest edition of the corresponding Safety Data Sheet. Any updating of safety-relevant information – in accordance with statutory requirements – will only be reflected in the Safety Data Sheet, copies of which will be revised and distributed. Information relating to the current classification and labeling, applications and processing methods and further data Read material safety data sheet before use.

INSTRUCTIONS FOR USE.

Details preparation:

The substrates to be assembled must be dry, dust free and not have any traces of grease or other contaminants that could adversely affect the adhesive performance. They may be cleaned with MEK or ethyl acetate. Surface may be painted (paint should hold well).

Application :

Apply a regular layer with a brush or by spray application to each substrate. Recommended temperature for glue application is 18 – 22 °C, humidity 60 – 65%. For highly absorbent surfaces (such as chipboard, gypsum) are recommended double glue application with 10 minutes interval between each application. For non-absorbing – one glue application. Apply nearly 100 – 120 g of adhesive for each square meter.

Drying:

Adhesive film should be dried under natural conditions. Minimal drying time depends on temperature and usually near 8 – 12 minutes. The end of drying is easy to identify by touch – adhesive ceases to be tacky.

Bonding:

Press products to each films, and highly compressed (pressed) or rolled rollers. Leave under load is not needed.

Attention. The time between the by compressing and thermal activation must not exceed the open time - this glue - 35 minutes. After 60 - 90 minutes adhesive joint strength reaches 70% of its maximum. A further increase in strength occurs slowly during 30 - 40 hours.

PRECAUTIONS FOR USE.

Adhesive CR 2402 cannot be used for bonding expanded polystyrene or untreated polyethylene, polypropylene, fluorinated polymers or plasticised PVC.

The information contained in this document is correct as far as it possible to judge the data available at the date of publication. The information provided is intended only as a general technical information and is not considered a warranty or quality specification. The information relates only to this material and may be valid for such material to be used in combination with any other materials or in any process, unless it is mentioned in this document.

«HIMIK-PLUS»

str. Lisova, 4,
Brovary Kiev region,
Ukraine

Phone: +38 044 331-25-27

Fax: +38 044 587-89-03

Technological support: +38 044 331-25-28

www.himik-plus.com