

CIKOpoly AD



Two-component polyurethane semi rigid adhesive

Description

CIKOpoly AD is a two component PU based semi rigid adhesive.

CIKOpoly AD is a blend of premium quality pure hydrophobic polyurethane resin cured with a special grade of hardener and reinforced with fine fillers.

Properties & Advantages

- Two component polyurethane-based binder system
- Excellent bonding between concrete and various materials
- Small packs, easy to mix and apply

Application Area & Uses

CIKOpoly AD is suitable for both industrial and commercial segments exhibiting excellent bonding between the substrate and EPS, EXP, PVC, Glass, Metal, Wood and Rubber.

Physical properties

Form	Two components gel system
Colour	Beige
Mixing ratio	Pre-weighed packs
Pot life @ 25 °C	20-25min
Density kg/l	Part A: 2
	Part B: 1.24
Drying time 55%RH	2-3hrs @25°C
Adhesion bond strength ASTM D4541	>2 N/mm2 Substrate failure

Coverage

CIKOpoly AD kit will provide a theoretical coverage of 4.0 to 5.0 m² at 1mm thickness

Note: The coverage depends on the floor condition and finish. Consult CIKO technical service department for assistance.

Application Instructions

Surface preparation

The substrate surface must be free from dust and loose particles. Expose sound concrete surface by grit blasting or any other means. All contamination should be treated well before application of CIKOpoly AD.

Mixing

Mix the base [Part-A] and hardener [Part-B] components of CIKOpoly AD thoroughly using a heavy-duty slow speed drill-paddle assembly for two to three minutes and ensure a homogenous mix.

Application

Properly mixed materials should be spread or filled over the cleaned surface using a suitable tool as per requirement demands on the entire area without leaving any gaps.

Packaging

CIKOpoly AD is available in 3, 5 and 10 kg kit.

Shelf life

CIKOpoly AD has a shelf life of 12 months if stored in accordance with CIKO instructions.

Storage

CIKOpoly AD should be stored under enclosed shaded area at temperatures between 5 – 35°C.

Precautions & Limitations

CIKOpoly AD should not be applied at temperatures below 10°C.

Health & safety

CIKOpoly AD should not come in contact with eyes or to be swallowed. Ensure adequate ventilation and avoid inhalation of vapours. Applicator should wear appropriate clothes, gloves and goggles. Use of barrier cream is recommended to provide additional skin protection. If comes in contact with eyes, flush with plenty of fresh water and seek medical advice. Refer Material Safety Data Sheet for further details.

Technical Support

For further technical support, do not hesitate to contact CIKO team at any time as CIKO offers on and off-site services to end users, specifier and contractors.

More from CIKO Middle East

A wide range of construction chemical products are manufactured by CIKO Middle East which includes:

- Concrete admixtures and additives
- Waterproofing and damp-proof coatings
- Surface treatments
- Flooring and toppings
- Grouts and anchors
- Tile adhesives and grout
- Concrete repair materials
- Adhesives and bonding agent
- Protective coating
- Joint Sealants and Moulding compounds
- Ancillaries

Legal Notice and Warranty

CIKO warrants this product to be free from manufacturing defects and to meet the technical properties stated in the current Technical Data Sheet, if used as directed within its shelf life. Satisfactory results depend not only on quality of product but also on many factors beyond our control. CIKO makes no other warranty or guarantee, express or implied, including warranties of merchantability or fitness for a particular purpose with respect to its product. The sole and exclusive remedy of purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is the replacement of product or refund of the purchase price, at the sole option of CIKO. Any claims concerning this product must be received in writing within one (1) year from the date of shipment and any claims not presented within that period are waived by purchaser. CIKO will not be responsible for any special incidental, consequential including lost profits or punitive damages of any kind. Purchaser must determine the suitability of the products for the intended use and assumes all risks and liabilities in connection therewith. This information and all further technical advice are based on CIKO's present knowledge and experience. However, CIKO assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights, nor shall any legal relationship be created by or arise from the provision of such information and advice. CIKO reserves the right to make any changes according to technological progress or further developments. The Purchaser of the Product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with a full application of the product(s). Performance of the product described herein should be verified by testing and carried out by qualified expert.

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All CIKO products are manufactured under a strict management system conforming to and in compliance with requirements of international standards of Quality, Environmental, occupational Health and Safety ISO 9001, ISO14001 and ISO45001.



ص. ب رقم : ٢٩٥ ، الدوحة - قطر
ت : (+974) 4411 4787 / 4411 4790 / 4411 4794
فلكس : +974 4411 4792

P.O.Box : 295, Doha, Qatar
T.: (+974) 4411 4787 / 4411 4790 / 4411 4794
F.: (+974) 44114792
E-mail: enquiries@cikome.com