

CIKOfiller PU

Two component polyurethane based pore filler

Description

CIKOfiller PU is a polyurethane resin-based, two-component, resilient and solvent-free sealer used mainly for sports floor system.

Properties

- Solvent Free
- Easy to apply
- Dust proof
- Provides excellent adhesion to all types of substrates especially rubbers
- Excellent adhesion to all types of plaster and coatings

Application area

CIKOfiller PU is used for sports floors, which are formed by, cast of rubber granules on site or lay of granules on the floor after formed into blanket, it is used to

- Provide imperviousness finish
- Fill pores and cavity through the rubber matt
- Make the rubber blanket floor suitable for coating with polyurethane self-levelling

Physical properties

Form	Liquid
Colour	Standard colour
Solid content	100%
Pot life @ 25°C	20-25min
Light traffic @25°C	24hrs
Full cure @25°C	7 days

Application instructions

Surface preparation

Floor surface should be of dry, clean, defect-free and load-tolerant structure. Surface should be cleaned off from any grease, wax, grease, water repellent, free parts easily detachable and dust by use of milling machine.

Mixing

It is a two-component product and it should, therefore, be prepared at the mix ratio specified for the quantity to be used, taking into consideration the pot life. Component A should be stirred by itself by use of a mechanical mixer quickly and then the hardener (Component B) should be added, taking care of the mix ratio. Components A and B should be stirred for minimum 3 minutes until you have a homogenous mixture. Make sure the prepared mixture is consumed during the pot life of the mixture.

Application

After made ready to apply, the mixture is applied by toothed trowel. In case of over coating procedure, wait time between the coats is minimum 24 hours (20°C) and maximum 2 days. It is very important that the second coat should be applied within the time for over coating specified above. It reaches to a full mechanical and chemical strength in about 7 days.

Coverage

0.65-0.75kg of CIKOfiller PU is required per m² of rubber matt.

Note : The coverage depends on the rubber blanket used. Consult our technical service department for assistance.

Packaging

CIKOfiller PU is available in 3, 5 and 10 kg kit.

Shelf life

CIKOfiller PU has a shelf life of 12 months if stored in accordance with CIKO instructions.

Storage

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

Precautions

Prior application of CIKOfiller PU, ensure that

- Stir part A before mixing with the other parts
- Moisture content of the substrate is less than 4%.
- Ambient temperature is between 10 – 45°C.
- Substrate temperature is between 10 – 35°C.
- Relative humidity is below 75%.
- Do not apply in areas where there is a chance of rise in dampness

Health & safety

CIKOfiller PU should not come in contact with eyes or to be swallowed. Ensure adequate ventilation and avoid inhalation of vapours.

Applicator should wear suitable cloths, gloves and goggles. Use barrier creams recommended providing 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*

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Note: The information presented herein based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control



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