

CIKOkey Bond



Single Component water based Adhesive

Description

CIKOkey Bond is a ready to use polyvinyl acetate emulsion based adhesive. It dries to a colourless transparent film.

CIKOkey Bond is an aqueous emulsion of PVA blended with modifiers to attain and enhance bonding and sealing properties suitable for different type of substrates such as, gypsum, plaster, renders, wood, stone, tiles, carpets, sheets etc.

Properties

- Single component and easy to use.
- Quick drying and non-toxic.
- Resistance to alkali and ensures compatible to all types of cement based substrates
- Exhibits very good sealing properties.
- Low VOC

Application area

- Carpentry works
- Bonding agent for fixing tiles and carpets.
- Bonding agent for similar and dissimilar materials.
- Bonding of sheets and boards.

Physical properties

Form	Viscous Paste
Colour	White
Specific gravity	1.05±0.05 @ 25° C
Toxicity	Non-toxic
PH	3-4
Flammability	No tendency to flash

Coverage/Dosage

The yield and coverage of CIKOkey Bond will depend on the type of substrate

Bonding material	dissimilar and similar	4 to 6 m ² per Kg
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Application instructions

Surface preparation

Clean the surface to make it free from dust, oil, loosely adhered particles, paint stains, efflorescence and other contaminations. The surface should be abraded or sand papered if applicable to provide a rough surface to receive the bonding agent.

Mixing

CIKOkey Bond is a ready to use adhesive that requires slight mixing and stirring prior to use.

Application method

Apply CIKOkey Bond using a brush without leaving any gap on both surfaces to be bonded at a rate ranging between 0.16 kg/m² up to 0.25 kg/m². Keep the applied adhesive for 10 up to 20 minutes (depending on prevailing ambient conditions) until it becomes hand touch tacky. Press firmly both items and support mechanically for at least 24 hours.

Curing

Allow the bonded areas supported mechanically for at least 24 hours. No specific curing is required. Protect the adhesive from any type of water flow.

Packaging

CIKOkey Bond is available in 5kg, 20 kg pails and 200 kg drums.

Shelf life

CIKOkey Bond has a shelf life of 12 months in un-opened pack and if stored in accordance with manufacturer instructions.

Storage

CIKOkey Bond should be stored under enclosed shaded area at temperatures between 5⁰C – 30⁰C.

Precautions

- CIKOkey Bond should not be used in temperatures below 5⁰ C

Health & Safety

CIKOkey Bond should not come in contact with eyes or 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 any 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.

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- 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