

# FIXOBOND FLEX II









Premium Grade, Flex Adhesive for Stone Cladding

FIXOBOND FLEX II is two components; highly polymer modified thin/ thick set premium grade flex adhesive. High polymer modification provides stability, high shear, tensile & bonding characteristics required for installation of artificial stone, natural stone & various tile over most surfaces. FIXOBOND FLEX II surpasses the requirements of IS 15477: 2004. FIXOBOND FLEX II can be used to adhere both wall and floor tiles and is suitable for interior and exterior use.

## RECOMMENDED APPLICATIONS

- Installation of artificial/composite stones or tiles.
- Vitrified, porcelain tiles and a wider range of other substrates.
- Can use over concrete, cement render & screeds, brickwork and block work.,
- Can use on approved waterproofing membranes and existing tiles.
- Suitable for use in both internal and external.
- Applications like bathrooms, swimming pools, stone cladding, framing of natural/artificial stones etc.

## KEY FEATURES & BENEFITS

-  For external & internal use.
-  Excellent stability & dual bonding strength.
-  Excellent slip resistance on vertical applications.
-  Superior workability & heatproof.
-  Ultra high adhesion & flexural strength.
-  For a high demanding applications like flooring, exterior stone cladding, water immersion & wet areas etc.
-  Can use thin & thick bed.
-  Two parts, pre packed for control and convenience.

## COVERAGE

Coverage may vary depending on substrate surface conditions

## PACKING

FIXOBOND FLEX II is supplied in 20 Kg plastic lined bags & 5 L jerrycan.

## SHELF LIFE

FIXOBOND FLEX II can be stored unopened above floor level in a cool dry place for up to 12 months.



## TECHNICAL PROPERTIES

Appearance	: White Powdered Mixture + White Liquid Additive
Compressive Strength	: 32.9 N/mm <sup>2</sup> (28 days)
Flexural Strength	: 12.5 N/mm <sup>2</sup> (28 days)
Tensile Strength	: 2.3 N/mm <sup>2</sup> (28 days)
Shear Bond Strength	: 2.0 N/mm <sup>2</sup> (28 days)
Open Time	: Approximately ±30 minutes
Pot Life	: Approximately ±1 hour
Setting Time	: 8 - 24 hours

## SURFACE PREPARATION

All surfaces must be clean, dry and free from any contaminates such as dust, oil, wax, grease, curing agents or other substances that may affect adhesion performance. Building debris such as off cuts, sawdust, nails, screws, plaster, wood etc., must be thoroughly cleaned with the help of wire brush - vacuum cleaner - damp sponge.

Note: If applying over existing tiles various preparation methods apply depending on surface and application. Do not apply over any deteriorating substrates. Ensure that new concrete slab is fully cured. Ensure that screeds have cured, normally after 7 days, depending on screed thickness and temperature. Ensure waterproof membranes have cured, minimum 24 – 48 hours after application.

## PRIMING

Porous Substrates: Prime with ASCOBOND AR 470/OPC using by brush or roller. Allow primer to reach a touch dry film prior to applying FIXOBOND FLEX II. Do not over dilute primer. Mix 1 part of primer to 3 parts clean water. Extremely porous surfaces may require second coat.

## MIXING

Pour approximately 5 L of liquid additive in a clean vessel/ container and gradually add 20 Kg of FIXOBOND FLEX II adhesive whilst mixing. (Slight water can be added in hot weather) Using a mechanical mixer at medium to high speed, mix powder and liquid additive together until smooth paste consistency is achieved. Allow to set a few minutes, re-mix before applying. Adhesive should not slump when combed out using the appropriate size notched trowel.

## APPLICATION METHOD

Tile installation must be undertaken in accordance with Indian Standard requirements. Ensure the back of the tiles to be adhered are free from dust or any materials which may inhibit adhesion.

## SAFETY GUIDELINES



- Use protective items. Goggles, dust mask and gloves are recommended to protect eyes, skin and mouth.
- In case of accidental contact with eyes,, immediately wash them with plenty of water and seek medical advice.

## PRECAUTIONS WHILE USING



- Use all the contents of container in one go otherwise material starts hardening in contact with air.
- For best results, mix the contents thoroughly covering bottom of the container before and during application.

\*Technical & safety data sheets are available through company representative or on our website [www.ascolite.in](http://www.ascolite.in).