

FIXOBOND PRIME










Highly Polymerized, Grey /White Glass Mosaic Adhesive

A White/Grey cement based tile adhesive suitable for application on concrete/cement-plastered or tile (tile on tile) substrates on interior wall & floor surface for fixing vitrified tiles, glass mosaics, marble and granite of medium to large profile. FIXOBOND PRIME surpasses the requirements of IS 15477: 2004.

RECOMMENDED APPLICATIONS

- Installation of Glass mosaic, Vitrified, Ceramic tiles on floor & walls
- Can use over concrete, cement render, screeds etc.
- Can use on liquid applied waterproofing membranes directly
- Installation of stone, marble and range of other substrates.
- Can use on interior/exterior wall cladding
- Suitable for use in both internal and external applications.

KEY FEATURES & BENEFITS

-  Excellent bonding strength (C2)
-  Extended open time (E)
-  Excellent slip resistance on vertical applications (T)
-  Industrial grade tile adhesive (Grey)
-  Superior workability
-  Suitable for swimming pools tile application
-  Suitable for interior & exterior wall cladding
-  Non slip & Water resistant
-  Easy to us

COVERAGE

3.5 Kg/m² at 3 mm thickness

PACKING

FIXOBOND PRIME is supplied in 20 kg & 40 kg plastic lined bags.

SHELF LIFE

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



TECHNICAL PROPERTIES

Appearance	: Grey/White Powdered Mixture
Bulk Density	: 1600 – 1900 Kg/m ²
Tensile Adhesion	: 900 N (Dry Condition)
	: 600 N (Wet Condition)
Shear Adhesion	: 4.75 KN (Dry Condition - 24 hours)
	: 11.00 KN (Dry Condition - 14 days)
	: 6.00 KN (Heat Aging Condition)
	: 6.75 KN (Wet Condition)
Open Time	: ± 30 minutes
Pot life & Setting Times	: ± 1 hour & Sets within 8 - 24 hours
Adjustment Time	: 20 minutes

SURFACE PREPARATION

All surfaces must be clean, dry and free from any contaminants 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 have fully cured 7 - 14 days during weather conditions. Ensure that screeds have cured, normally after 7 days depending on screed thickness and temperatures. Ensure waterproof membranes have cured, minimum 24 – 48 hours after application.

PRIMING

Porous Substrates: Prime with **ASCOBOND AR 470**, Water & OPC (In the ratio of 1:2:1) using by brush or roller. Allow Primer to reach a touch dry film prior to applying **FIXOBOND PRIME**. Do not over dilute Primer. Extremely porous surfaces may require second coat.

MIXING

Pour approximately 21 – 29 % of water in a clean vessel/container and gradually add 20 kg of **FIXOBOND PRIME** adhesive whilst mixing. (Slight water can be added in hot weather condition) 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.

- I. Spread **FIXOBOND PRIME** adhesive over prepared surface/substrate using an appropriate notched trowel.
- II. When installing wall and floor tiles, lay one tile over adhesive then lift tile up again. Finished bed thickness should be a minimum of 4 mm for wall tiles and 3-6 mm for floor tiles.
- III. Ensure all tiles are fully supported by adhesive and that no voids are present.
- IV. Inspect the underside of tile for complete bedding adhesion.
- V. Clean away any excess adhesive from the joints and face of the tiles whilst the adhesive is still wet.
- VI. Ensure minimum grout joints of 1.5 – 3 mm spacing between tiles. Larger joints required for quarry / stone tiles. Refer to tile manufactures specifications.
- VII. Allow to dry undisturbed for 24 hours prior to foot traffic and grouting.

SUBSTRATE

Compatible with most solid substrates such as concrete, masonry, plaster board, fibrous cement sheeting, renders & screeds. All substrates should be pre-tested to ensure suitability.

CURING

Adhesive begins to set after an hour and is trafficable approximately 4 - 6 hours (longer if temperatures do not exceed 10°C) after installation depending on air and substrate temperatures. Grouting generally is best 24 hour after tiles have been installed. Optimum performance level is reached after 28 days of curing.

CLEAN UP

Remove excess adhesive from tile face and tools using a damp cloth whilst material is still wet. Wash all tools in warm soapy water immediately after use.

SAFETY GUIDELINES



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

PRECAUTIONS WHILE USING



1. Use all the contents of container in one go otherwise material starts hardening in contact with air.
2. 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.