

TECHNICAL DATASHEET

FIXOPRIME BT

Back Tile Primer For Demanding Tiling Application on challenging substrates



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Version : 1 (NOV : 2022)

PRODUCT INTRODUCTION

FIXOPRIME BT is a high performance and single component ready to use acrylic ester based back tile primer. It is an excellent adhesion promoter for low porosity non absorbing latest vitrified tiles and gypsum or ply board. **FIXOPRIME BT** helps to bond **FIXOBOND** range of tile adhesives with all types of standard substrates like plastered surface, screed, self leveling underlayment. This also protects the substrate from weathering & ingress of dirt and grime. A single coat application is required for strong adhesion. **FIXOPRIME BT**, back tile primer enhances the bonding of **FIXOBOND** tile adhesives & it significantly decreases the possibility of the tile shifting or the adhesive failure.

KEY FEATURES

1. Excellent penetration for bonding
2. Excellent adhesion of the bonded tiles
3. Reduces the shrinkage and the shrink crack
4. Enhances the tensile adhesion of the bonded tile
5. It can be used on the internal or external surface
6. Water, chemical and thermal resistance
7. Zero V.O.C.
8. Easy application by brush
9. Fast drying after the single coat application
10. Improves the workability and spread ability of adhesive
11. Damp proofing membrane type
12. Decreases sound on applied surface

RECOMMENDED APPLICATIONS

1. Mineral or glazed surface including light weight block
2. Digital vitrified tile, vinyl and epoxy resin backed tile
3. Gypsum and exterior glue ply board type of substrate
4. Wooden tile , marble , slate and all types of granite
5. Full body , color body vitrified tile and fiber glass
6. Double charged high vitrified tile and tile to tile use
7. Glazed, soluble salt vitrified tile , porcelain and stone, Tounge, Groove floor board
8. Plastered walls of heavy commercial (airport, hotel lobby, convention center, shopping mall, departmental store, theatre hall)
9. Terrazzo, quarry tile and well bonded cut back glue, floating ply, gypsum, wooden, asphalt base
10. Dense concrete, Emulsion paint Wall, Plastic laminate

TECHNICAL PROPERTIES (ASTM C 627 for residential and commercial applications)

Appearance	White Smooth Paste
Specific Gravity	1.35 ± 0.05 Kg/l
Solids	55 ± 2 %
Tensile Adhesion Strength	≥ 2 N/mm ² on concrete, screed , gypsum and plywood
Touch Dry Time	35 ± 5 minutes
Tack Free Time	25 ± 5 minutes
Shear Adhesion	≥ 2 N/mm ² for concrete, screed, plaster, gypsum or ply board
UV Resistance	Very good
Acid , Alkali and Chemical Resistance	Excellent
Brookfield Viscosity , LV Type, S 64, 100 rpm	4500 ± 100 cps

The values obtained are from laboratory testing conditions and at 27 ± 2°C . On site tests may show slight variation due to site conditions and / or methods of testing. Follow company TDS to obtain best results.

APPLICATION METHODS:

1. Surface Preparation

All concrete surfaces must be 28 days old with tensile strength of more than 1.5 MPa and fully cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating. The recommended application surface is properly prepared and fully cured cement mortar beds and cement screed for tiling. Prepare concrete surfaces according to subfloor preparation requirements of the underlayment or the patching compound to be applied.

2. Coverage

FIXOPRIME BT will cover approx. $55 \pm 5 \text{ ft}^2$ / coat / Kg. depending on the surface evenness.

3. Application

Apply a single coat of **FIXOPRIME BT** after mixing by using a brush or roller. Unsealed and demanding porous substrate may require optional second coat, if tile adhesive is to be applied after 72 hours of **FIXOPRIME BT** application. Apply another coat when surface is completely dry. Do not apply to frozen or frosted surfaces.

4. Mixing

Do not dilute **FIXOPRIME BT** because it is a ready to use product. Stir it thoroughly after opening the bucket and homogenize it before using.

For exposed aggregate the surface must be thoroughly washed to remove all the traces of surface retarder or contaminants.

5. Clean Up

Wash all tools immediately with water after use.

6. Limitations

Do not apply in high winds or if rain is likely. Do not apply over painted surfaces. Complete paint removal is required. Not suitable for food preparation areas. Not recommended to apply **FIXOPRIME BT** at extreme temperatures below 5°C and above 45°C.

7. Safety

This product contains anionic ester based emulsion & other high performance chemical additives. Wash thoroughly after handling. Avoid eye contact or prolonged contact with skin. If eye contact occurs, flush with water for 15 minutes and consult a physician.

8. Packaging

FIXOPRIME BT is available in 1, 5 & 20 Kg buckets.

9. Shelf Life

12 months from the production date if stored in original, unopened packaging, in places protected from moisture, sun exposure and frost.

Disclaimer :

While the technical details & recommendations contained in this document and the related details given by the representatives of the company correspond to the best of our knowledge & experience, all the above information must in any case be considered as merely indicative and subject to confirmation. Users are recommended to conduct a product suitability test before it is used at full scale. In any case, the consumer alone is entirely liable for any consequences resulting from using the product. For the most up-to-date TDS, please visit our website at www.ascolite.in. Our company policy is one of ongoing R&D; therefore, we reserve the right to update this information without prior notice at any time. As the correct identification of the problems, the quality of other materials used, on-site environmental conditions and the workmanship on-site are factors beyond our control, there is no express or implied guarantee/warranty as to the results achieved. The company assumes no liability or consequential damage arising from the use of our products for unsatisfactory results. Site visits are not a supervisory responsibility wherever provided. Suggestions made either verbally or in writing by the company may be followed, modified or rejected by the owner, engineer or contractor, since they are solely responsible for carrying out procedures appropriate to a specific application.