

# ACROTILE - SP

**High Performance Polymer  
Modified Cementitious  
Waterproof Tile Adhesive**

## DESCRIPTION

**ACROTILE-SP** is a single pack polymer based cementitious system and is used as an excellent tile adhesive. It could be used as a thin or thick bed adhesive for fixing ceramic, mosaic, marble, granite, wall and floor tiles. This adhesive exhibits best possible waterproofing characteristics. Cured material is grey in colour.

## ADVANTAGES AND SPECIAL FEATURES

- Resistance to complete immersion.
- Excellent adhesion strength on all common building materials.
- Tile fixing – permanent.
- Cementitious polymer - high waterproofing properties, increased resistance to salts, oils, sewage, chemicals, chloride & Carbonation.
- Chloride free.
- Non-toxic, suitable for drinking water contact.
- Most economical and best performance levels among all conventional paste type adhesive.
- As the applied material shall be covered by tile no curing is required.

## USES

Bonding ceramic wall tiles and mosaic tiles for exterior and interior such as bathrooms, toilets, shower recesses, laundries, and swimming pools. For use in wet industrial areas such as abattoirs and dairies. Can be most suitably applied over rendered brick work, brick masonry and concrete surfaces. It is also quite suitable over asbestos cement sheet, plywood, plaster, board, hardboard, metals old tiles and painted surfaces, provided the paint is not loose and flaking.

## PROPERTIES

<b>Appearance</b>	Grey Powder
<b>Colour</b>	Mixed material generally grey but other colours are available on request.
<b>Mixing Ratio</b>	3 parts (by wt.) powder shall be mixed with 1 part of water
<b>Coverage</b>	Around 2.5 to 3 Kg powder material is required to cover 1 m <sup>2</sup> area with 3 mm thickness when applied notched trowel.
<b>Consistency</b>	When mixed in the above ratio, a thick workable paste will results.
<b>Working time</b>	30-60 minutes (approx.)
<b>Curing</b>	As the applied material shall be covered by tiles no curing is required, otherwise, normal water curing will do.

## CLEANING

Uncured material can be removed by washing with water but cured / hardened material, may be removed mechanically.

## APPLICATION

### Surface Preparation

The surface must be structurally sound, level and free from dust, grease and excess moisture. All plastered surfaces should be finished with wooden float, dampen all porous surfaces with water, and then wipe out excess water before proceeding application of **ACROTILE-SP**. Always use rough sides for application of adhesive. It is user's responsibility to checked surface soundness properly and to satisfy himself that such products are fit for the purpose for which he intends to use it and that the actual surface conditions of use are suitable.

### Wall Application

Spread the cementitious adhesive as mixed above on to the surface using a 3 mm notched trowel when laying ceramic wall tiles. Do not spread more than 1 m<sup>2</sup> at a time. If the adhesive dries due to excessive delay in affixing the tiles, remove the adhesive and comb out a fresh layer. The underside of the tile must be made in good contact with the adhesive therefore twist each tile slightly on the adhesive bed or tap the tile carefully with the handle of a hammer, while positioning of the tile is carried out. Never place tiles on applied spot of adhesive, and this method may cause failure. When laying large areas, care should be taken to make provision for expansion joints in the minimum of 5 meters both vertically and horizontally. They should also coincide with the joints in the substrate, if provided. While laying large heavy ceramic tiles on walls, always work upwards from the floor and use spacing pegs to provide a grouting joint.

### Floor Application

- Spread the adhesive mortar on to the surface using 3 mm notched trowel for laying flat backed ceramic and mosaic tiles. Tiles which have grooves, ridges or knobs on the back should be laid using a 6 mm notched trowel. Follow all laying procedure as explained in case of wall application.
- To lay tiles over a wood floor, ensure firstly that the floor is level and even. Cover the floor with asbestos sheets with screw on the wood every 30 cm both horizontally and vertically.
- Cavity filling materials or grouts should not be placed on the space between tiles for the least 24 hours after completion of tiling. The adhesive can be used as grout if the space left between tiles is not less than 2 mm. Our white or coloured grout (**ACROTILE- G**) may be available on request.

## PACKING

Available in 20 Kg bag.

## HEALTH& SAFETY

Non-toxic, Non-inflammable, can be used safely.



20 Kg



## SHELF LIFE

If stored in a cool dry place and unopened pack, shelf life of 1 year can be observed but use it before six months as the product is cementitious.

## IMPORTANT RECOMMENDATION

Dampen all porous surfaces such as asbestos cement sheets, cement render, brick walls etc. with water and wipe off excess water.

## ADDITIONAL INFORMATION

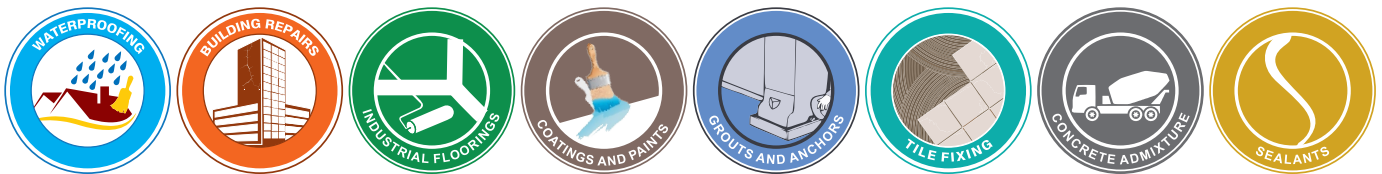
Our technical service team is available for on-site assistance and advice in using our all products. A very wide range of our products like water proofers, plasticizers, super-plasticizers, accelerators, retarders, air entrainers, mould release agents, curing compounds, grouting products, anchor products, bonding agents and repair materials are available for all round solution of civil/ construction problems.

## WARRANTY

Whilst all reasonable precaution has been considered in compiling technical data on our products, all recommendations or suggestions, regarding the use of such products are made without guarantee since the conditions of use are beyond our control.



Other Products Categories available:



**WATERPROOFING, REPAIRS, FLOORING, EXTERIOR COATINGS, WATER REPELLENT COATINGS, TILE FIXING, GROUTS, CONCRETE ADMIXTURES, ADHESIVES & SEALANTS, ETC.**

For further information and terms of sale, please contact : The Technical Manager



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