



## **USER GUIDE**

### **Tribond 1272 & Tribond 1274 SBR bonding additive.**

Both Tribond 1272 and 1274 are water based dispersions of a Styrene Butadiene copolymer, which has been formulated to give excellent water resistance when used as a bonding aid.

Typical uses include as an admix for cement based renders, flooring screeds and repair products. Both grades are suitable for internal and external use. Tribond 1274 is recommended for use in more critical areas, due to its higher solid content.

#### **Preparation.**

All surfaces should be dry, free of oil or grease and free of any loose material. Ideally, any surface where a bonding slurry is to be applied should be grit blasted or mechanically scabbled.

If the surface where the bonding slurry is to be applied is very porous (high suction), then the surface should be well dampened.

#### **Bonding aid use.**

Both SBR bonding aids can be used as a pre-treatment or to improve the adhesion of a slurry to porous (high suction) surfaces.

The bonding slurry mix should be;

|                 | Parts by volume |
|-----------------|-----------------|
| SBR             | 1               |
| Water           | 1               |
| Portland cement | 5               |

This mix will give an average coverage of 28-32 M<sup>2</sup> per 5 litres of SBR, per coat.

The mix should be applied to prepared surfaces by brush, ensuring good, even contact to a thickness of about 1mm. Further coats should be applied while the slurry is still damp.

## **Render.**

To produce high quality water and chemical resistant renders, we recommend using Tribond 1274, due to its higher solid content. The following mix is recommended;

|          |              |                                       |
|----------|--------------|---------------------------------------|
| Cement   | 50 Kg        |                                       |
| Sand     | 125 Kg       | Should be clean, sharp sand to BS1199 |
| SBR 1274 | 13-15 litres |                                       |
| Water    | as required  |                                       |

To use, first apply a bonding slurry to the prepared surface. While this is still wet, apply a coat of render to a depth of about 6mm. Score the surface and allow to dry for 5-7 hours. Apply a second coat of render to about 6mm.

Coverage is approximately 7-9 M<sup>2</sup> at 12mm thick.

This render mix can also be used for bedding tiles and stones.

## **Damp proofing.**

In areas where dampness is to be expected, such as basements and cellars, then the following method is preferred;

1. To the prepared surface apply a layer of bonding slurry and allow to become touch dry.
2. Apply a second layer of bonding slurry, at right angles to the first. Ensure the surface is roughened to allow good bonding of the next layers. Leave to dry fully.
3. Apply a layer of bonding slurry, and while this is still wet apply a layer of render, as described above.

## **Flooring.**

Tribond 1274 is recommended for the production of high quality flooring mixes, where a hard wearing finish is required. The recommended mix is;

|                     |             |
|---------------------|-------------|
| Cement              | 50Kg        |
| Sharp flooring sand | 75Kg        |
| Granite chips (3mm) | 75Kg        |
| Tribond 1274 SBR    | 8-10 litres |
| Water               | as required |

The mix should be semi-dry.

A Layer of bonding slurry should be applied to the prepared surface and whilst this is still wet the above mix should be applied. A maximum thickness of 25 mm is recommended.

For thicknesses greater than 25mm the volume of SBR should be reduced and the water increased, but still mixed to a semi-dry state.

### **Repair patch.**

For patch repairs in concrete or renders, the recommended render mix can be used. If reinforcing steel is present, this should be cleaned and prepared and a layer of bonding slurry applied. This should be allowed to fully dry, preferably overnight. A second layer of bonding slurry should then be applied to the whole area and the render mix applied to this while still wet.