



## FLEXTILE 1

### DESCRIPTION

FLEXTILE 1 is an integral waterproofing compound for used as an additive to normal cement/sand or concrete. It works by blocking the capillaries and pores of the existing mortar and concrete thereby sealing the passage of water.

### USES

FLEXTILE 1 can be widely use for varied applications as below:-

- Waterproofing of basement.
- Waterproofing of lift pits.
- Waterproofing of bathrooms.
- Waterproofing of sewers, swimming pools.
- Waterproofing of roof render.
- General purpose waterproofer for all cement mortar and concrete applications.

### MIXING AND APPLICATION

FLEXTILE 1 is added to clean potable water in the ratio of 1:10 by weight or volume. (Flextile 1 – 1 part, Water – 10 parts). However if the moisture content of the dry sand is high, adjust the mixing ratio accordingly, likewise for dry sand. As a guide for sand with high moisture content, use 1:7 mix ratio and for dry sand use 1:12 mix ratio.

FLEXTILE 1 is normally diluted as a solution in excess of amount needed put aside. Stir again once more before use. This ensures that there is no shortage of the solution when mixing cement sand mortar and that the gauging liquid mix is always diluted correctly.

### Application

Remove all laitance, dirt, dust, oil and grease from substrate before applying FLEXTILE 1 integral waterproofer can be applied.

The mix ratio of the FLEXTILE 1 solution mix with 1:3 cement/sand ratio to consistency, unless which is using for concreting would be different .

<b>Coating thickness of FLEXITILE 1</b>	
Concrete	FLEXITILE 1 (Coverage/m <sup>2</sup> )
Application • Slurry bond coat • 1 -2 mm thick • Flextile 1 solution - 1 part • Cement - 1.5 part	0.1kg/m <sup>2</sup>
Application • 6 – 10mm thick • Flextile 1 solution – 2kg • Cement – 5kg • Sand – 5kg	0.2 kg/m <sup>2</sup> @ 10mm thick
Application • 10 – 20 mm thick • Flextile 1 solution – 4kg • Cement – 5kg • Sand – 15kg	0.4 kg/m <sup>2</sup> @ 20mm thick

<b>SPECIFICATIONS</b>	
Type	Stearate Base
Colour	Off White
Specific Gravity	1.02 kg/L
FLEXITILE 1 in concrete	19 litres/m <sup>3</sup> for concrete with minimum 300kg cement/m <sup>3</sup> content

## PACKAGING

FLEXITILE 1 comes in 20 litres container or 208 litres drum.

## SHELF LIFE

If stored in a cool and dry place, the shelf life of FLEXITILE 1 is approximately 12 months in unopened containers.

### Asia Mortar Pte Ltd

19 Sungei Kadut Street 6 Singapore 728864

Tel: +65 6269 5575 Fax: +65 6269 5595 Email: [info@asiamortar.com](mailto:info@asiamortar.com) Website: [www.asiamortar.com](http://www.asiamortar.com)

This information in this catalogue is provided to the best of our knowledge from results gathered both internal and external credited laboratories. However, we have no control over site applications, site conditions and workmanship of the applicator. We therefore will not accept any liability, either directly or indirectly arising from the misuse of these products or when the product is used not in accordance with any advice, specification, and recommendation of information given by us, The user is responsible for checking the suitability of these products for its intended use.