



# Bituflex 200

**Water based emulsion, Non-toxic,  
Economical, Good adhesion strength**

## DESCRIPTION

**T1 Bituflex 200** is a water based one part elastomeric liquid waterproofing emulsion. It is flexible, high tensile strength and designed as exposed waterproofing coating.

## RECOMMENDED USE FOR

Suitable use at:

- R.C walls
- Plastered walls
- Retaining structures
- Concrete/flat roof
- Slate or metal roof tiles
- Asbestos cement sheets
- Retaining walls
- Metal roof

## FEATURES & BENEFITS

- Single component, ready to use
- Easy to applied by roller and brush
- Flexible and elastomeric
- Protects concrete spalling and has anti-carbonation properties
- Crack bridging capabilities
- High elastic and good adhesion
- Environmental friendly and non-toxic
- Excellent weather resistance
- No blistering, cracking and peeling

## PACKING

20 KG/PAIL

## SHELF LIFE

Can be kept for 12 months minimum in the original unopened pails in dry places

## COLOURS

White, Grey, Green, Red, Yellow

## APPLICATION PROCEDURE

### Surface Preparation

New concrete should be cured for at least 28 days. The area to be coated had to be clean, dry and free from oil, grease and dust. All contamination that could interfere with the adhesion of the coating has to be removed. Leaks and water infiltrations must be eliminated. Removed free-standing water, repair excessive cracks and resurface exposed aggregate and small voids with a suitable high-strength, fast curing, non-shrinking product.

### Mixing

Prior to application, stir **T1 Bituflex 200** thoroughly for 1 minute in order to achieve a homogeneous mixture. Over mixing must be avoided to minimise air entrainment.

### Application

1. Apply latex primer or **T1 Bituflex 200** for basecoat to enhance the adhesion strength.
2. Apply 2 neat topcoats of **T1 Bituflex 200**

## CLEANING

Clean all tools and application equipment with water immediately after use. Hardened/cured material can only be removed mechanically.



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## **PRECAUTION**

**T1 Bituflex 200** is deemed non-toxic; however, as a precautionary measure, applicators should wear gloves, masks, and goggles while handling it. In the event of contact, the affected area should be thoroughly washed with soap and water. If ingestion occurs, immediate medical advice should be sought. Food and beverages must not be brought into the application area. It is essential to store and keep the product out of children's reach.

## **LEGAL NOTES**

The information, and, in particular, the recommendations relating to the application and end-use of **T1** products, are given in good faith based on manufacturer's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with manufacturer's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Manufacturer reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

## **TECHNICAL SPECIFICATION**

**Form-** Liquid Emulsion

**Specification Gravity (g/cm<sup>3</sup>)(ISO 2811)** 1.2 – 1.3

**Solid Content (%)** >50

**Elongation %)(ASTM 412:13)** >400%

**Tensile Strength (MPa)(ASTM 412:13)** 6.5

**Tear Resistance (kgf/cm)(ASTM D624)** >35

**Hardness (Shore D)(ASTM 2240)** 70-60

## **BASIS OF PRODUCT DATA**

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## **ECOLOGY, HEALTH AND SAFETY**

For information and advice on the safe handling, storage and disposal of chemical products, user shall refer to the latest safety precautions containing physical, ecological, toxicological effect and other safety-related data.