

DESCRIPTION

T1 Seal T109 is a cementitious waterproofing compound that crystallizes with the free lime in the concrete thus providing a protective layer for the concrete. It is a composition comprises of clean, quartz powder, cement, polymer and active chemical constituents to provide excellent-water tightness and strong adhesion.

RECOMMENDED USES

T1 SEAL T109 suitable used for:

- Negative & positive of the wall
- Foundation slabs
- Basement wall
- Sewage plants
- Toilet
- Balcony
- Retaining wall

FEATURES & BENEFITS

- Economical to use
- Easy application with the brush or trowel in thin layer
- Excellent adhesion to all cement-based substrates
- Resistant to weathering, therefore can be used externally or internally
- Non-toxic

COVERAGE AREA

2.0kg/m²/mm

APPLICATION PROCEDURE

Surface Preparation

The area to be coated must 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. Remove freestanding water, repair excessive cracks and resurface exposed aggregate and small voids with a suitable high-strength, fast curing, non-shrinking product.

Mixing

Add part A to part B into clean container and stir with a slow speed mixer until a homogeneous lump free compound is obtained.

APPLICATION

Apply **T1 Seal T109** first coat and leave to harden and second coat using brush on or steel trowel.

PACKING RATIO

25 kg/bag (A+B)

SHELF LIFE

If stored correctly in its original, unopened, and undamaged sealed packaging under dry conditions, the product has a shelf life of 6 months from the date of manufacture.



Seal T109

PRECAUTIONS

T1 Seal T109 is non-toxic. For personal precautions, applicators are recommended to wear gloves, mask and goggles when handling it. In case of a contact, the affected area should be washed with plenty of water and soap; in case of swallowing, a physician should be consulted immediately. No food or beverages should be brought to the application area. The product should be stored and kept out of reach of children.

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

Supply Form - Part A: Liquid ; Part B: Powder

Colour - Part A: Milky white ; Part B: Light Grey

Mix Ratio - Part A: 20kg ; Part B: 5kg

Adhesion Bond Strength (ASTM D4541-95)- 0.8 N/mm² (mPa)

Tensile Strength (ASTM D412-92)- 0.35 N/mm²

Elongation (ASTM D412-92)- 24%

Water Penetration (DIN 1048: Part 5:1991) after 72 hours

6 HOURS		72 HOURS	
CONTROL	TREATED	CONTROL	TREATED
25.0mm	5.0mm	84.4mm	40.0mm

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.