



# T1

## TILE ADHESIVE NUMBER 1

TILE ADHESIVE FOR INTERNAL AND EXTERNAL USE.

**ADHESIVE** **WATERPROOFING** **SWIMMING POOLS**

A Specialized and powerful Tile adhesive for swimming pools, gives high resistance to water and chlorinated water, preserves adhesion under continuous water immersion. Areas of use: Swimming pools, fountains, water tanks and wet areas. Tiling on smooth concrete surfaces, lightweight bricks, blocks, plaster b. All types of stone, marble, ceramic and porcelain.

### APPLICATION

- For permanent fixing of all types of ceramic tiles used for pools.
- Can be permanently submerged.
- Suitable for Ceramic tile , Porcelain tile , Terracotta , Kliker , Marble , natural stone and Ceramic mosaic.

### ADVANTAGES

- Extended open/wet time.
- Water resistant, will not be affected in Submerged conditions.
- Ready for use, just requires the addition of water.
- Non sag.
- Very high bond strength.
- Suitable for pools and water retaining structures.

### STANDARDS

- BS5980 Part 10:1980 ANSIA.118.1
- ANSIA.118.4

### TYPICAL PROPERTIES

Classification of type	C2TE
Adjustability	≥ 30 min
Pot life	≥ 6 hours
Open time: 3mm thickness @ 25 ° C	≥0.5 N/mm2 after not less than 30 min.
Tensile adhesion strength after heat immersion:	≥1 N/mm2
Tensile adhesion strength after water immersion:	≥1 N/mm2
Tensile adhesion strength : (EN 1348:1999)	≥1 N/mm2
Slip	≤0.5 mm

### YIELD

Approximately 7-8 m2/20 kg bag at 2 mm thickness

### STORAGE

Shelf life is 12 months if stored at temperatures between 2 C° and 50 °C. If these conditions are exceeded in any respect, technical department should be contacted for advice.

### PACKAGING

Is available in 20 kg bags.

### CAUTIONS

#### Health and Safety:

As contains Portland cement, may cause irritation to skin or eyes. In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice if necessary.

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### METHOD OF USE

#### Substrate preparation:

- All surfaces must be clean and free from oil, Grease or loose materials.
- Substrate should be dimensionally stable. Allow time for shrinkage and structural strain movements.
- To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used.
- 5.0 liters (for each 20 kg bags) of clean water should be added to a clean container. The powder is then added slowly to the water while mixing continuously with low speed mixer/drill (400-600rpm). Mixing should be continued for
- 3 minutes until a uniform consistency is obtained.

### APPLICATION

- Spread to a uniform thickness of 2 to 3 mm. Place tiles firmly over the applied area.
- Do not apply large areas of adhesive that can not be covered within the open wet time of the adhesive.

### JOINTS

Tiles should not be placed over expansion or contraction joints. Stop tiles on joint edges and fill joints with flexible sealant.



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