

MANUFACTURER

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PRODUCT NAME

ABC TILE ADHESIVE Original

PRODUCT DESCRIPTION

ABC TILE ADHESIVE Original is a cement-based adhesive designed for bonding all kinds, types & sizes of tiles (earthenware, porcelain & mosaic tiles) and stoneware for floor and wall tile installations on indoor and outdoor concrete surfaces using the thinbed method. Only high quality aggregates and selected chemical additives are used strictly conforming to International Standards.

THE ABC TILE ADHESIVE ADVANTAGE

- ✓ Superior bonding
- ✓ High Tensile Strength
- ✓ Flexible
- ✓ Thermal Deformability
- ✓ High Shear Strength
- ✓ Fast & Easy Installation
- ✓ Professional Finish
- ✓ Economical



COLORS

Gray & White

CLASSIFICATION STANDARD

- ✓ ANSI A118.1 (USA) American National Standards Institute
- ✓ EN 12004 : 2000 (EU) European Standard
- ✓ PNS ISO 13007 - 1:2005 Type C1 (PH) Philippine National Standards

TECHNICAL DATA

Physical Test	PNS ISO 13007-1:2005	Results
Water demand	Not Applicable	20 ml / 100 g
Workability	Not Applicable	Very Good
Open time	≥ 20 minutes	20 minutes
Pot life	Not Applicable	4 hours
Standing strength	Not Applicable	Very Good
Slip resistance	≤ 5 mm	0 mm
Tensile adhesion strength	≥ 0.5 N/mm ²	1.78 N/mm ²
Tensile adhesion strength after water immersion	≥ 0.5 N/mm ²	1.47 N/mm ²

SURFACE PREPARATION

The surface must be fully cured, structurally stable, level, even, clean and free from contaminants such as dirt, dust, loose material, oils and chemicals. **The use of a spirit level bar is essential to ensure levelness and / or plumbness of the surface.** For painted surfaces, acid etch or abrade paint to ensure proper bonding.

APPLICATION GUIDE

1. Mixing

Caution: Use only non-absorptive materials as mixing base (plastic pail or galvanized iron sheets). If absorbent materials such as plywood, wooden box, gypsum board, fiber cement board or cardboard is used, it will affect the chemical properties of the product, which can result in bonding failure and poor product performance.

Use ONLY non-absorbent materials such as plastic pail or galvanized iron sheet as mixing base. Pour water into container and add ABC TILE ADHESIVE Original powder. Stir to attain a smooth, lump-free and pasty consistency. Let it rest for 15 minutes & restir briefly before use.

Mixing Ratio

8L WATER + 25kg TILE ADHESIVE



POT LIFE

4 hours

2. Application

Dampen surface before application. Use a notched trowel to spread mortar evenly over an area of 1m² at a time to produce a ribbed thinbed.

Tile Size	Notched Trowel Size
mosaic tiles	3 x 3 mm
small to medium tiles (60 x 60cm & smaller)	6 x 6 mm

3. Installation

Open Time Install tiles within the open time. Adjust and align tiles. Use a rubber mallet to apply pressure on the tiles.



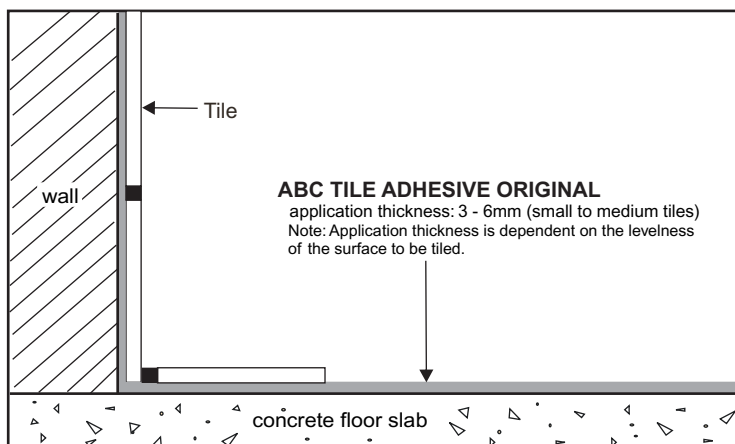
NOTE: Do random checks if the back of the tiles are fully covered with tile adhesive. Check if tile adhesive mortar still adheres to your finger to find out if the open time has not lapsed. If open time has lapsed, DO NOT add newly prepared

tile adhesive to a previously mixed batch. Remove old tile adhesive layer and reapply a new one to avoid bonding failure.

TIP: Use tile spacers for uniform grout lines. A tile joint width is needed to accommodate possible tile movement due to thermal deformation, substrate shrinkage or tile expansion, thus preventing the tile from cracking.



SECTIONAL DETAIL



COVERAGE

25kg TILE ADHESIVE = 4m²

Note: Calculation is based on 30 x 30 cm tiles. Coverage is dependent on tile size, substrate condition and application thickness. The bigger the tile, the smaller the coverage area.

PACKAGING

5 kg and 25 kg bag

STORAGE & SHELF LIFE

Store in a cool dry place. ABC Tile Adhesive Original will remain usable one year from date of manufacture.

WARRANTY

Due to variety of applications, different working methods and the various properties of bases, we cannot assume responsibility or liability with regard to the application of our products. Our guarantee and liability are restricted to the quality of our products at the time of acceptance of the customer of such products. In no case shall our liability extend beyond replacement of defective products, if any, found at the time of acceptance. For all deliveries and services, our General Sales Condition including warranties stipulated for each case are valid.

