



ATLAS TILE ADHESIVE (CERABOND 2000)

DESCRIPTION:

Cerabond 2000 is an economical, white cement-based, polymer-modified, thin-set tile adhesive. It is a white cementitious powder with synthetic additives formulated as a moderate performance fixing adhesive for a wide range of substrates. It offers excellent bonding strength for tiling jobs over most horizontal and vertical surfaces.



USES:

Cerabond 2000 is used to adhere ceramic tiles, marbles, and natural stone on floors, walls and ceilings. It is used for bonding of tiles on existing ceramic tiles on walls, if properly primed.

FEATURES:

- Thin-set mortar for all types of tiles with high adhesive bond strength.
- Interior and exterior multi-purpose tile adhesive.
- Excellent working characteristics: coverage, open-time, pot life.
- Easy to use and handle.
- Single component; just add water

TECHNO PHYSICAL PROPERTIES:

Physical Parameters		Technical Parameters	
Appearance	Free Flowing Powder	Pot Life	Approx. 4 Hours
Colour	Off White	Open Time	Approx. 30 Minutes
Mass Solid	100 %	Adjustment Time	30 – 45 Minutes
Specific Gravity	2.6 (Typical)	Coverage	3 – 5 Kg / m ²
Application Temp.	5°C - 35°C		

PERFORMANCE DATA:

Properties	Results
Water Absorption after 30 Min / 4 Hours	≤ 5 GM / ≤ 10 GM
Tensile Adhesion Strength – After 28 days	≥ 0.5 N/mm ²
Tensile Adhesion Strength – After water immersion	≥ 0.5 N/mm ²

For Further Information, please contact us at:

Yemen Company for Paints & Derivatives Ltd.

Tel. +967-4-205570/72

E-mail: info@ycpd.biz



APPLICATION DETAILS:

- **Mixing:**

Add 4 parts of powder to 1 part of water (by weight). Mixed until a soft putty like paste is formed. Extra water can be added to achieve the correct consistency for application.

- **Method:**

Wet the surface. Use proper trowel to ensure full coverage of Cerabond 2000 under tiles. Apply a skim coat of the grout with flat side of trowel held at a 35° to 40° angle; this forces the material into irregularities in the surface for maximum adhesion. Then apply an additional quantity of grout with notched side of trowel. Press tiles firmly into place in a perpendicular direction and slight twisting motion; this flattens the ridges in the grout and insures maximum coverage. Adjust tiles promptly and beat in with block or rubber mallet. Grout bed thickness should be 1.5 mm to 3 mm. Do not spread more grout material than can be tiled in approximately 20 minutes. Allow tiled installations to cure 24 to 72 hours before grouting.

SURFACE PREPARATION:

All substrates must be structurally sound. When bonding tile to a concrete slab or other suitable surfaces, they must be free from oil, grease, dust etc. Glossy and painted surfaces must be sanded, stripped, and cleaned of all contaminants. All contaminants must be removed prior to the installation of Cerabond 2000 and tile.

Concrete surfaces must be fully cured, free of efflorescence, and accepting of water penetration in order to form a good bond. Test by sprinkling water on the substrate; water beading indicates the presence of contaminants which could cause loss of adhesion. Rough concrete surfaces are necessary to insure good mechanical keying. Smooth concrete surfaces should be roughened prior to installation. All expansion, control, cold and construction joints must be brought through the tile and filled with an appropriate elastomeric sealant. Do not install if ambient and surface temperature is expected to be below 10°C or above 38°C.

- **Curing:**

Cerabond 2000 was designed to be air cured. A minimum cure is obtainable in 24 hours.

- **Cleaning:**

Clean all tools and equipment promptly with clean water.

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STORAGE:

- Keep material covered and off the ground to prevent exposure to moisture.
- Store in a dry area.
- When stored at specified conditions in original unopened packaging, shelf life is 12 months from date of manufacture.

PACKAGING:

25 kg paper bags

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