

Tile Adhesive – Porcelain702

مصنع المسارات المتكاملة
Integrated Lanes Factory



DESCRIPTION:

PORCELAIN702 is a polymer-modified weather resistant mortar product. It is a Portland Cement based powder containing chemicals (non-shrinkage, bonding agent, waterproofing, etc). for upgrading the quality and for specific performance of the cementitious mortar.

USES:

PORCELAIN702 is used to adhere porcelain tiles, mosaic, quarry ceramic tiles, quarry tiles, mosaic tiles, natural stones and pavers to substrates subject to minor deflection. **PORCELAIN702** can also be used as multi-purpose thin-set mortar for bonding tile exterior grade plywood, some resilient flooring surface and formica, and offers increased bond strength to conventional thin-set mortar substrates such as concrete, concrete block, wonder-board, gypsum drywall and existing ceramic tile.

ADVANTAGES:

- Flexible thin-set mortar for all tiles.
- Interior/exterior multi-purpose tile adhesive.
- Extermely water leakage resistant. Lower permeability.
- Easy to use and handle.
- No shrinkage cracks and creep.
- Bonding of materials together or on the concrete, brick, plaster board, cement board and other constructions materials.

MIXING:

Mix cool, clean water and **PORCELAIN702** powder together to a smooth paste consistency. Use approximately 5-6 liters of water per 20 kg. bag of **PORCELAIN702**. Let slack 5 to 10 minutes, stir occasionally During use. Do not re-temper. When properly mixed, troweled ridges of **PORCELAIN702** will stand little or no slump. Although hand mixing is recommended for optimum results, an electric motor with an appropriate type mixing blade may be used at low speeds (150-200 rpm).

TECHNICAL PROPERTIES:

Type of blinder	Portland Cement
Compressive strength	11.6 N/mm ²
Pot life	3 hrs
Set Time	24 hrs
Open Time	20-30 min
Tensile Adhesvie Strength	2.8 N/mm ²
Slip Resistance	0.146mm

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SURFACE PREPARATION:

All substrates must be structurally sound with defection not to exceed 1/360 of the span. When bonding tile to a concrete slab or other suitable surfaces, they must be free from oil, grease, dust, paint, form release or curing compounds, concrete slabs should be finished with a steel notched trowel. All contaminants must be removed prior to the installation of **PORCELAIN 702** and tile. All expansion, control, cold and construction joints must be brought through the tile and filled with an appropriate elastomeric sealant concrete must be