

DOPONT 103 (c1) Tile adhesives

Ceramic & Tile Adhesive



DESCRIPTION

cement —based white ceramic adhesive with reduced slip and extended time.

AREAS OF USAGE

Applied on materials such as tiles , mosaics ,ceramics ,etc.to be used on vertical and horizontal surfaces plastered with lean concrete ,reinforced concrete ,or cement plaster both indoors and outdoors.

COLORS

Gray.

PACKAGE

20 kg. kraft paper bag.

SHELF LIFE

12 months in dry environment and in original packaging.

PRODUCT ADVANTAGES

- Easy to apply.
- Does not slip.
- Its adherence is high strength.
- It can be processed easily and for a long time.
- It can be used on wet floors in the kitchen ,bathroom ,etc.



TECHNICAL SPECIFICATIONS

Slip: ≤ 0.5 mm

Adhesion strength:

-After open waiting time :after at least 30 min. ≥ 0.5 N/mm²

-Initial: ≥ 0.5 N/mm²

-After Dipping in water: ≥ 0.5 N/mm²

-After Aging with Heat: ≥ 0.5 N/mm²

-After Freeze-Thaw Cycle: ≥ 0.5 N /mm²

Temperature Resistance: (-40 °C) — (+80 °C)

Reaction to fire class: A1

***The above values have been obtained through laboratory tests and are valid for 28 days of the performance.**

APPLICATION INFORMATION

Application Temperature:(+5 °C) — (+35 °C)

Mixing Ratio :6-7 it water /25 Kg powder

Usable for : 3 hours

Open waiting time:30 min

Application thickness : 3-10 mm

Grouting time: 24 hours

Consumption Average: 3 -5 Kg / m²

***These values are valid for 23 °C and 50% relative humidity . Times may vary depending on ambient conditions.**

SURFACE PREPARATION

-The application surface should be made clean from dust, dirt, oil, paint residue, and other similar foreign matters reducing adherence.

-It should be ensure that the application surface is set.

-The surface must be moistened before the application.

-The dusty surface behind the ceramic should be moistened and wiped.

MIXTURE PREPARATION

20kg of DOPONT 103 (c1) is slowly added to 6-7 liters of water. Mixed until a homogeneous mixture is obtained.to leave no lumps with a trowel or low-speed mixe. The homogeneously mixture is left for 5 minutes and then mixed again to make it ready for application.

The prepared mixture should be used within a maximum of 3 hours ,the mixtures that are unused during this period should be mixed intermittently .And any mixture mortar that has started to harden or has expired should not be used .



APPLICATION

The prepared mixture should be spread on the surface with the flat part of the trowel to ensure good adhesion and then combed with a notched trowel suitable for size of the tile to be used.

Ceramics must be bonded to the combed mortar within 30 minutes. Good adhesion should be obtained by pressing on the laid material by hand and applying force with a rubber hammer.

-Adhesive should be used by applying to small areas and any adhesives that delays material bonding and that has started to get crusty should be cleaned by scraping off the surface.

-The excess adhesive in the joint gaps should be scraped before drying, and the mortars on the surface should be cleaned with a damp cloth.

Applications should not be carried out in temperatures below -5°C.

-It should not be applied on surfaces that are exposed to direct sunlight and wind without taking protective measures .

-Foreign materials should never be mixed into the mortar.

-After application all used tools should be washed with plenty of water before drying.

-Grouting can be started after 24 hours.

-Tiles stuck with DOPONT 103 (c1) should not be exposed to water for at least 24 hours.

-Depending on the location and the type of ceramic to be applied, double-sided bonding should be done .

***DOPONT 103 (c1) Dshould be used in light-colored ceramic applications.**

WARNINGS

Do not breathe the product directly, as it is cement-based. Avoid contact with skin and eyes.

REFERENCE STANDARD

TS EN 12004 -1 C1TE Class

C: Cement —based

1: Standard performance

T: Reduced slip.

E:Extended open waiting time.

