

YAPI YP 115 no C2TES1 FLEX

Cement and Polymer Dispersion Based, Flexible, Slipping Feature Reduced, Long Working Time, High Performance, Tiles, Granite, Marble, Natural Stone, Press Brick, Glass Mosaic Adhesive

Description

YAPI YP 115 no C2TES1 FLEX is a cement and polymer based, long life, slipping feature reduced, long working time, high adhesion performance, and flexible adhesive mortar suitable for all climatic conditions and used for materials such as ceramics, tiles, porcelain ceramics, and natural stones. It can be used indoors and outdoors, horizontally and vertically.

In compliance with TS EN 12004 -1:2017 C2TES1 standards.

Ministry of Public Works and Settlement Item No: 04.01301-04.01304

C2 : Cement Based, Additional Features Improved, High Performance T : Slip Feature Reduced E : Open Waiting Time Extended S1 : Flexible

Fields of Application

- For bonding of materials such as tiles, ceramics, porcelain ceramics, natural stones on cement-based surfaces such as concrete, plaster, screed in indoor and outdoor applications, horizontal and vertical applications
- For bonding of materials such as tiles, ceramics, porcelain ceramics, natural stones on insulation in wet places such as bathrooms, balconies, kitchens
- In bonding processes in swimming pool, Turkish bath, water tank, bathroom, industrial floor, cold storage • Used for ceramic adhesion processes on ceramics on renovation and repair works in exterior facades of buildings.
- Used in places with heavy pedestrian and load traffic.

Advantages

- Only mixed with water.
- Saves time and labor with its long working time.
- Does not slip in vertical applications.
- Provides quick and easy application.
- Has high adhesion strength.
- Flexible, not affected by vibrations.
- Resistant to freeze-thaw cycle.
- Does not shrink.
- Adapts to ground stresses arising from temperature differences and is not affected from that.

Technical Data

Structure of Material	Special Cement, Mineral Filler, Polymer Additive
Density	1,75 kg/lt
Color	Gray, white
Bond Strength 28 days	$\geq 2,0 \text{ N/mm}^2$
Flexibility	$\geq 2,5 \text{ mm S1 flexible}$
Application Thickness	3-15 mm
Application Surface Temperature	+5°C / +35°C
Service Temperature	-40°C / +80°C
Initial Curing Time	3-5 minutes
Working Time	2 hours
Open Waiting Time	30 minutes
Slippage (mm)	None
Wettability	Min % 90
Grouting Application	24 hours later
Time of Walkable on it	24 hours later
Fire Reaction Class	A1

The above values are given for +23°C and 50% relative humidity. High temperatures shorten the time, low temperatures extend the time.

