



# PRODUCT DESCRIPTION



## POLPO C1:

### Standard tile adhesive(C1):

- Polymer modified to provide a strong bond.
- Wall and floor applications.
- Improved workability.

**POLPO C1** a standard-setting cement-based polymer-modified tile adhesive POLPO.

**POLPO C1** classified as a C1 under EN 12004.

### APPLICATIONS:

**POLPO C1** is designed for fixing ceramic to All types of rigid cement based surfaces as well as other pre-primed surfaces.

- internal floor.
- internal wall.
- External floor.

### FEATURES AND BENEFITS:

**POLPO C1** is highly compatible with/and bonds extremely well to concrete surface

- Good thixotropic properties which allow vertical application without slumping
- Polymer modified to provide a strong bond
- Hardens without appreciable shrinkage
- Suitable for use in dry and little wet areas (for private uses only)

### CHEMICAL CONTENT:

CHEMICAL CONTENT white Portland cement, graded sand, specific additive and resins.



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## RECOMMENDATIONS:

- Do not apply in wet weather, or in temperatures below 5°C or over 35°C.
- Wind reduces the tile cement open time and leads to reduced adherence.
- When fixing, it is important to press the tiles to make sure that they all form a solid surface, and to avoid any gaps between tile and support.
- Back buttering systematically in outdoor application
- Do not apply more than 15 mm or less than 5 mm thick.

## Storage:

- Store in cool, dry place in a well-sealed container away from moist air for 24 months.
- Keep away from heat, ignition sources and from children.

## Caution:

- Clean mixing container before use. Do not use dirty tools.
- Do not exceed dilution ratios.
- Keep out of the reach of children.

## Health and safety Possible Hazards:

it causes irritation in case of skin contact & eye contact, flush immediately with plenty of water for at least 10 minutes and seek medical advice in case it happened.

## TECHNICAL DATA

### POWDER CARATERISTICS

Color:	white
Powder density (kg/m <sup>3</sup> ):	± 1640
Particle size:	≤ 0.350 mm
Reaction to fire:	Euroclass A1

### PASTE CARATERISTICS

Mixing ratio:	± 25%
Paste density:	± 1.7
pH:	≥ 12
Pot life:	≤ 2
hours Open time:	≤ 30 min
Tile adjustment time:	≤ 20 min
Application temperature:	+5C to +35C

### HARDEN PRODUCT CARATERISTICS

Bed thickness:	2 to 10mm
Joint filling:	≥ 24 hours
Light foot traffic:	≥ 24 hours
Full load traffic:	≥ 48 hours

### CEMENT-BASED ADHESIVE C1 EN 12004-2:2017

Initial tensile adhesion strength:	≥ 0.5 MPa
Tensile adhesion strength after open time :	≥ 0.5 MPa
Tensile adhesion strength after water immersion:	≥ 0.5 MPa
Tensile adhesion strength after heat ageing:	≥ 0.5 MPa

**Note: setting times are quoted at 20°C and are temperature and humidity dependent**