



# webercol ProGres Top S1

## Deformable cementitious adhesive

- Installation of any type of ceramic
- Overlapping installation
- Installation of ceramic stoneware in the swimming pool
- Installation on the facade



EN 12004:2007+A1:2012

High performance deformable cementitious adhesive  
Improved for indoor and outdoor installation  
C2TES1



### Fields of use

Installation indoors and outdoors, on walls and floors and on top of each other, of ceramics, stoneware, natural stones and marbles that are stable and not sensitive to humidity, even large ones.

Suitable for installing ceramic stoneware on surfaces in continuous contact with water (swimming pools, tubs).

Installation on facades and on deformable supports.

### Supports

- Cement plasters and screeds
- Heated floors
- Seasoned concrete
- Old tile and natural stone substrates
- Surfaces waterproofed with **weberdry**

### ELASTO

- Facade and deformable supports
- Fiber cement sheets (indoors)
- Gypsum, anhydrite, plasterboard surfaces (apply previously **weberprim PF15**)

### Do not apply on

- Metal
- Weak plasters and screeds
- Frozen substrates, in the process of thawing or at risk of frost in the following 24 hours

### Consumption

in relation to the conditions of the substrate and the type of trowel used:

- spatula with 10x10 mm tooth: approximately 3.10-4.5 kg/mq

- spatula with 6x6 mm tooth: approximately 2.00-2.60 kg/mq

### Product features

<b>Packaging:</b>	25 and 5kg bag
<b>product appearance:</b>	dust
<b>Duration:</b>	effectiveness performance characteristics in intact packages protected from humidity: 25 kg bag: <b>12 months</b> 5 kg bag: <b>24 months</b>
<b>Color:</b>	white, grey

### Installation features\*

<b>Mixing water:</b>	approximately 27-29%
<b>Application temperature:</b>	yes +5° to +35°C
<b>Dough life time:</b>	6 - 8 hours
<b>Transitability:</b>	24 - 48 hours
<b>Thickness:</b>	15 mm
<b>Commissioning time:</b>	14 days

\* These times calculated at 23°C and 50% RH are lengthened by the low temperature associated with high RH values and reduced by heat.

### Joint execution\*

<b>Wall joint execution:</b>	6 - 8 hours
<b>Execution of floor joints:</b>	24 - 48 hours

\* These times calculated at 23°C and 50% RH are lengthened by the low temperature associated with high RH values and reduced by heat.

### Technical data\*

<b>Reaction to fire:</b>	A1 / A1fl
<b>PH mixture:</b>	12
<b>Moisture resistance:</b>	Great
<b>Aging resistance:</b>	Great
<b>Resistance to solvents and oils:</b>	Great
<b>acid resistance</b>	Poor
<b>Alkali resistance:</b>	Great
<b>Temperature resistance:</b>	yes -30°C to +90°C
<b>Open time:</b>	≥ 0.5 N/mm2 after 30 minutes (EN 1346)
<b>Adhesion strength:</b>	Adhesions (EN1348): • Initial 28 days: ≥ 1.0 N/mm2 • After action of heat: ≥ 1.0 N/mm2 • After immersion in water: ≥ 1.0 N/mm2 • After freeze/thaw cycles: ≥ 1.0 N/mm2
<b>Vertical sliding:</b>	none
<b>Transverse deformation</b>	≥ 2.5 mm and ≤ 5mm (S1 -EN 12002)

\* These values derive from laboratory tests in a conditioned environment and could be significantly modified by the installation conditions.

# Application cycle

## Tools

Low speed drill, trowel, toothed spatula.

## Preparation of supports

The supports must have characteristics compliant with the UNI 11493 standard and in particular be flat, stable, hard, clean and dry. Plasters and cement screeds must have reached adequate maturation and be free of shrinkage in the phase following the installation of the covering.

Gypsum or anhydrite substrates must be perfectly dry; apply coat of **weberprim PF15 at least 6 hours before**.

## Preparation of the dough

- Pour a 25 kg bag into approximately 6.7 - 7.2 liters of clean water
- Mix with a drill at low speed (500 rpm) until a homogeneous mixture free of lumps is obtained.

- Leave the mixture to rest for about 5 minutes and mix briefly before use.

## Installation operations

Spread the adhesive with a notched trowel to the appropriate thickness, taking care to crush it beforehand on the support with the smooth part of the trowel. This operation allows, in addition to the incorporation of any traces of dust present, to fully exploit the open and recordable time of the glue by homogenizing the absorption.

Proceed with the double spreading technique when installing:

- Large formats, with sides >60 cm
- Low thickness stoneware slabs with or without reinforcing mesh
- Installation on the facade
- floors intended to receive heavy loads

Tap the tiles carefully to ensure perfect wetting.

## Warnings and recommendations

- Do not apply on frozen surfaces, those in the process of thawing or with a risk of frost in the following 24 hours
- On hot and windy days the porous supports must be moistened with water
- When installing outdoors and especially in the presence of high stress, apply double spreading and apply appropriate pressure.
- For facades with a height greater than 3m, in accordance with the UNI 11493 standard, in the case of a tile with a longer side greater than 30 cm, the designer must evaluate the need to prescribe the adoption of a suitable mechanical fixing safety taking into account the specific exposure conditions, the quality of the support and the installation design

## Specification item

Installation of indoor and outdoor floors and walls with deformable cementitious adhesive, resistant to immersion, prolonged open time, no vertical slip (such as **webercol Progres Top S1** by Saint Gobain Italia SpA), also suitable for installing large formats on facades and in overlap, applicable in thicknesses up to 15 mm, classified **C2TES1** according to EN 12004 regulations

The product must have the following characteristics:

### Adhesion strength:

Adhesions (EN1348):

- Initial 28 days:  $\geq 1.0 \text{ N/mm}^2$
- After action of heat:  $\geq 1.0 \text{ N/mm}^2$
- After immersion in water:  $\geq 1.0 \text{ N/mm}^2$
- After freeze/thaw cycles:  $\geq 1.0 \text{ N/mm}^2$



See the Selection Guides to decide on the best installation solution