

# PREVIO

**flexible and frost-resistant gel mortar  
for bonding tiles, terracotta,  
stoneware and natural stone  
outside and inside used  
C2TE**

**Sempre®**

## PROPERTIES

- **for outdoor and indoor use**
- **flexible**
- **does not cause tiles to slide off vertical surfaces**
- **high adhesion to all materials commonly used in construction**
- **for large-format tiles - with an area of up to 0.70 m<sup>2</sup>**
- **waterproof**
- **frost-resistant**

## APPLICATION

Flexible gel adhesive mortar intended for gluing ceramic tiles (including large-format ones) such as glazed tiles, stoneware, clinker tiles, natural stone and artificial conglomerate stone on deformable and non-deformable substrates inside and outside buildings. It can also be applied to properly seasoned and prepared anhydrite and gypsum substrates. It is a frost-resistant, waterproof and resistant to external factors product. It can be used for laying tiles in an underfloor heating system. Thanks to its excellent technical and operational parameters, it is efficient and comfortable to use. Thanks to the use of special ingredients that give a gel consistency, the glue retains water in the system, which increases adhesion to the substrate and is less sensitive to overdosing of mixing water, without causing the tile to slide. Maximum area of glued tile: 0.70 m<sup>2</sup>.

## CLASSIFICATION ACCORDING TO THE PN-EN 12004 STANDARD

PREVIO glue is a cement tile adhesive with increased adhesion (C2), limited runoff (T) and extended open time (E), class C2TE.

## TECHNICAL DATA

<b>Group of products</b>	Dry construction mixtures.
<b>Contains</b>	Cement, lime, mineral fillers, refining additives
<b>Colors</b>	Grey
<b>Consumption</b>	cca. 3 – 7 kg/m <sup>2</sup> *

Parameters	Parameter	Norm	Value	Unit
	Layer thickness	EN 12004:2007 +A1: 2012, IDT	2 - 15	mm
	Initial tensile adhesion strenght		≥ 1,0	N/mm <sup>2</sup>
	Tensile adhesion strenght after water immersion		≥ 1,0	N/mm <sup>2</sup>
	Tensile adhesion strenght after heat ageing		≥ 1,0	N/mm <sup>2</sup>
	Tensile adhesion strenght after freeze-thaw cycles		≥ 1,0	N/mm <sup>2</sup>
	Open time: tensile adhesion strenght (after no longer than 30 minutes)		≥ 0,5	N/mm <sup>2</sup>
	Slip		≤ 0,5	mm
	Reaction to fire		Class E	---

The parameters given are mean of the results obtained during the tests. Due to the use of raw materials, actual values may slightly differ from those in the table.

\* Consumption depends on the substrate and application technique. The given value is approximate.

**USE INSTRUCTION****Substrates**

The substrate should be clean, load-bearing, compact, even and degreased. Loose grains and impurities as well as poorly bonded coatings of old emulsion paints should be carefully removed. Seasoning periods for the preceding layers should be maintained. Level defects and irregularities in the substrate up to 15 mm with PREVIO adhesive, and deeper ones with BUDOMONT ZT-620 mortar. Surfaces infected with fungi and algae must be disinfected with ALGHESIL algae and fungi remover. Absorbent and poorly bonded substrates with the deeply penetrating primer SEMPRE GRUNT GP. Anhydrite and gypsum floors should be properly seasoned and heated according to the manufacturer's instructions, and then primed using the deeply penetrating primer SEMPER GRUNT GP. Slippery surfaces with low water absorption, such as terrazzo, oil paints, chipboards, old tiles, should be matt before application (e.g. using sandpaper), dusted off, and then covered with Semper Grunt S bonding primer or a flexible one-component sealing mortar Renowator 330 or two -component Renowator 300. In the case of underfloor heating systems using foil or heating mat, apply one-component Renowator 330 sealing mortar or two-component Renowator 300 sealing mortar with a thickness of 2-3 mm to increase adhesion to the substrate and protect it against the effects of moisture and water.

**Preparation of tiles**

The tiles should be cleaned of dust, dirt and grease. Protect against overheating and soaking during storage. Bring the tiles to room temperature before applying them.

**Production preparation**

Adjust the amount of mixing water to the required consistency. To obtain a fluid consistency recommended for gluing tiles on a thin layer of adhesive, it is recommended to add approx. 7.0-7.5 liters of water per 25 kg bag. To obtain a thixotropic consistency for gluing tiles on a thicker layer of adhesive, it is recommended to dose 6.5-7.0 liters of water per 25 kg bag. To mix the mortar, gradually pour the contents of the PREVIO package into the previously measured amount of water and mix with a mechanical mixer until a homogeneous mass without lumps is obtained. The proper working consistency of the mortar is achieved after mixing it again, after a 5-10-minute break. The shelf life of the mixed mortar is approximately 3 hours. Do not treat the hardened mortar with water or mix it with fresh mortar - this will result in loss of functional properties.

**Application**

Apply the mixed PREVIO mortar to the substrate to obtain a thin bonding layer. Immediately afterwards, apply and spread the mortar using a notched trowel. The size of the trowel teeth should be matched to the size of the tiles. The amount of mortar applied to the substrate should be selected so that after pressing the tile, the contact surface with the adhesive is even and as large as possible. When laying tiles on a vertical surface, the mortar should cover at least 65-70% of the tile surface. When attaching tiles with an edge greater than 40 cm outdoors or on floors that will be subject to high loads, apply a thin layer of adhesive also to the underside of the tile (combined method). Apply enough adhesive to the substrate to cover it with tiles in no more than 30 minutes. at an ambient temperature of up to +25°C and for up to 20 minutes. at temperatures up to +35°C. If a dry skin forms during work, do not moisten the glue with water, but remove the layer of glue and reapply a new one. Work should be performed at temperatures of +5°C to +35°C.

**Drying**

Grouting on floors after 16 hours, on walls after 12 hours. Floors exposed to light foot traffic after approx. 24 hours. Full load after approx. 14 days. In the case of large-format tiles glued with a thick layer of mortar, the drying of the mortar takes longer, so pointing and loading the tiles should be done after at least 24 hours.

**Cleaning tools**

Water – directly after use.

**PACKAGING**

25 kg

**STORAGE**

Store the product in its factory-sealed packaging, in a dry and cool room. The shelf life is 12 months from the production date (see the side of the packaging).

**SAFETY AND HYGENE OF WORK/ FIRE PROTECTION**

Non-flammable product. Causes serious eye damage. May cause respiratory irritation. It is irritating to the skin. May cause an allergic skin reaction. Keep away from children. Avoid inhalation of dust. Wear protective gloves/protective clothing/eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and can be easily removed. If skin irritation or rash occurs: Get medical advice/attention.

**The manufacturer guarantees the product quality, but shall not be liable in terms of its use. The information herein provided is based on the manufacturer's knowledge resulting from many years of observations. This information cannot however replace professional know-how of the contractor and does not exempt the contractor from complying with the rules of the building art and the safety and hygiene at work, thus do not constitute any legal grounds for the settlement of disputes in court. For further questions or doubts, please contact the manufacturer.**