

PERLAFIX



Fiber reinforced polymer mortar for installing clay roof ridges



■ PROPERTIES

Fiber-reinforced and frost proof polymer mortar. It does not shrink and has exceptional workability, and adhesion, as well as flexibility. It ensures unbreakable adhesion and it is offered as an optimal solution to reattach clay roof tiles removed from adverse weather conditions. Available in light brick red color. Classified as general purpose masonry mortar (G) per EN 998-2.

■ APPLICATIONS

PERLAFIX is suitable for unbreakable clay ridge and roof finial installations as well as for sealing the eaves around the perimeter edges of the clay roofing tiles. It is an ideal choice to repair roof tile detachments resulting from severe weather conditions.

■ USE

1. Surface preparation

All surfaces of the clay roof tiles and clay ridges must be sound, clean, and free of dust, loose sections, etc.

2. Application

Empty 25kg of mortar in a clean container with 4.0-4.5lt of cool water. Mix with a low rpm electric mixer or a cement mixer, until a lump free, homogeneous mass is created. Continuing, soak the installation area and apply PERLAFIX using a gauging trowel. Complete the installation of the roof ridges and stabilize them within the next 5 minutes, in the sections that mortar was applied. Once the application is completed and after at least 24 hours it is recommended to use the brushable waterproofing mortar D-9 or the two-component flexible mortar DUROFLEX POWDER of DUROSTICK, both available in brick red color, to ensure additional waterproofing of the exposed mortar.

■ NOTE

For Ochre or Coral color clay roofing tiles, use the white adhesive mortar for stone D-5 of DUROSTICK (available in 25kg bags), that can be colored in its mass, using DUROCOLOR POWDER-C (water soluble

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pigments in powder form). Create the Ochre color by mixing a 250gr package of No30 from the DUROCOLOR POWDER-C pigments, per 25kg of D-5 mortar, and create the Coral color by using a 250gr package of No35 pigment, per 25kg of D-5 mortar.

■ CLEANING

Clean all tools with water, immediately after use.

■ CONSUMPTION

Approximately 14kg/m²/cm thick coat.

■ STORAGE

Store in the factory sealed packages, in dry and shaded places, for 12 months from production date.

■ SAFETY DIRECTIONS

The product contains Portland cement. Before use, refer to the cautions on the product packaging or the Safety Data Sheet.

■ PACKAGING

Paper bag of 25kg on 1.500kg pallet

TECHNICAL SPECIFICATIONS

(Measurement conditions 20°C and 65% R.H.)

■ Form - Color	Fiber reinforced mortar - Light brick red
■ Bulk density of dry mortar	1.45±0.05kg/l
■ Bulk density of fresh mortar	2.00±0.05kg/l
■ Maximum grain size	5mm
■ Mixing ratio	4.0lt of water per 25kg mortar
■ Application temperature	From +5°C to +35°C
■ Temperature resistance	From -30°C to +80°C
■ Pot life	3 hours
■ Resistance to frost	Excellent

PRODUCT PERFORMANCES

■ Strength after 28 days, per EN 1015-11, to:

• flexion	4.00±0.50 N/mm ²
• compression	20.00±1.00 N/mm ²

■ Strength after 28 days, per EN 1015-12, to:

• adhesion	1.00±0.10 N/mm ²
■ Capillary water absorption (c), per EN 1015-18	≤ 0.25kg/m ² ·min ^{0.5}
■ Reaction to fire	Class A1

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MANUFACTURING OF ADHESIVES,
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The technical specifications and directions of use contained in this technical data sheet are the results of the knowledge and experience of the company's research and development department, as well as from the real-life applications of the product. The recommendations and suggestions regarding the use of the products are made without guarantee since the respective conditions during their application are beyond the control of the company. For this reason, it is the user's responsibility to make sure that the product is suitable for the intended application as well as the application conditions of the project.