UNILIT PEDES N/M/F (PEDES G/-/F)
protection mortars with high resistance

OUTLINE SPECIFICATION
floor
joints
inclined surfaces

PRODUCT DESCRIPTION

UNILIT PEDES N, M and **F** are traditional, dry premixed mineral mortar s based on natural hydraulic lime as the binder and appropriate well-graded aggregates.
UNILIT PEDES N, M and **F** are characterised by a slow but strong bonding, a high plasticity, a low content of soluble salts and an excellent water vapour permeability. These natural hydraulic lime mortars are inherently stable and designed to reduce problems of micro cracks along with premature drying out.
The natural hydraulic lime binder, used to prepare the preblend, conforms to the European Standard EN 459-1 for building limes. The mortars **UNILIT PEDES N, M** and **F** conform to the European Standard UNI EN 998-1.

APPLICATION AREA

UNILIT PEDES N, M and **F** are applied for the finish of a lime floor, or as a protection coat with high resistance in delicate areas which are exposed to bad weather (inclined surfaces, joints,...).

APPLICATION

Prior to application, the substrate must be cleaned and freed of all traces of oil and grease. The substrate benefits from being slightly dampened.
Saturation of the substrate is not recommended, as this will influence negatively impact upon the bond of the hydraulic lime mortar to the substrate as well as the aesthetic appearence.

The mortar is applied manually with a trowel. A drying period of 4 to 7 days must be respected prior to any treatment (with oil, etc.).

The mortar is mixed with clean water with a slow speed electric paddle for a period of max. 3 minutes (6,5 l water for a bag of 30 kg). A creamy workable mortar is obtained, which has approximately 3 hours of open time.

The mortars must not be applied at temperatures below +5°C nor when a risk of frost exists. They should never be applied on to a frozen surface or in the case of thick fog. In hot, windy and dry conditions measures should be taken to prevent accelerated drying out of the freshly applied mortar. The applied mortars must be protected from frost and direct sunlight for 48 to 72 hours after their application.
The use of dehumidifiers and hot air blowers is prohibited during the drying process of the mortar.

TECHNICAL DATA

Granular sizing (EN 1015-1)	
UNILIT PEDES N	max. 3.0 mm
UNILIT PEDES M	max. 1.4 mm
UNILIT PEDES F	max. 0.8 mm
Bulk density (EN 1015-10)	ca. 1650 kg/m³
Compressive strength (EN 1015-11)	ca. 5 N/mm²
Adhesive strength (EN 1015-12)	> 0.3 N/mm²
Vapour diffusion resistance (μ)	12
Walkability	after 48 h
pH	> 10.5
Fire resistance classification (EN 13501)	A1
Proportion water/preblend	ca. 0,22 l/kg
Consumption	15 - 18 kg/m²/cm
Mixing time	max. 3 minutes
Packing	powder in bags of 30 kg
Colour	beige

REMARKS

In case of doubt regarding the substrate (e.g. treatment with an impregnating product such as silicones or comparable), consult our technical service department.
The maximum storage time is 6 months, if stored in the original, hermetically closed packing in a suitable environment. The material must be stored dry and frost free above ground. Protect the material from heat sources.

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