

TECHNICAL DATA SHEET

KRAFT READY-MIXED PLASTER - FIBRE

DESCRIPTION

It is a cement-based, polymer-added, ready-mixed hand plaster mortar containing aggregate under 1,8 mm .



TS EN 998-1 / Masonry Mortar-Features-Part 1: thin hand plaster mortar
Suitable for GP class.

USAGE PLACES

- Indoors and outdoors,
- It is used in plastering works on surfaces such as brick, gas concrete, concrete, exposed concrete, briquette.
- It can be used for repairing fractures, cracks and holes on surfaces.

POINTS TO PAY ATTENTION TO

- Do not apply on wood, OSB, PVC, bitumen surfaces, painted and metal surfaces.
- It should never be used on exterior surfaces that will freeze within 24 hours.
- Avoid application under direct sun and strong wind. Application must be made when the surface temperature is between +5 °C and +25 °C. In exterior surface applications, the surface should be protected from sun, rain, wind and frost within 24 hours after application. The surface should be protected from hot, dry and windy environments for 24-48 hours after application against rapid drying with wet sacks or water.
- It is recommended to use protective gloves during applications. For more detailed protective measures, please obtain the material safety data sheet of the product from the manufacturer.

ADVANTAGES

- Single component, easy to prepare and apply.
- Provides ease of application on large surfaces with its easy gauging structure.
- Prevents the formation of shrinkage cracks and surface abrasion in mortar with fibre reinforcement. Fibre increases the impact absorption ability of mortar. Provides acid resistance to mortar and delays evaporation.

SURFACE PREPARATION

The application surface must be clean, sound, free from paint and scraped plasters. The surface must be pre-wetted to be damp. Especially **KRAFT Ready-Mixed Plaster** with high water absorbency such as exposed concrete and gas concrete will give better results. Spreading plaster layer should be applied in 2-3 mm thickness. Thickness should not exceed 1,5 cm. Wait at least 24 hours after the spreading layer and moisten the spreading surface before starting plastering.

USAGE METHOD

1 Bag (25 kg) **KRAFT Ready Hand Plaster** is added into 4,5-5 kg water and mixed with a 400-600 rpm mixer until it reaches the consistency of paste. The prepared mixture **is left to rest for 5 minutes**, then mixed again. The prepared mortar is taken on the plaster board and applied to the surface with a trowel at the desired thickness (application thickness 3-10mm in thin ready-mixed plaster, application thickness 10-50mm in thick ready-mixed plaster). Then the surface is levelled and a smooth appearance is obtained. After the plaster has shrunk for a certain period of time (after the hardening is checked by hand), it is trowelled with a rubber trowel. If the plastered surfaces are watered from time to time considering the climatic conditions, a very strong plaster is obtained. The plaster should be kept moist for 2-3 days following the application.

EXPENDITURE

7 - 7.5 kg/m²for 1 cm thickness

VARLIK MINERAL GEOTHERMAL ENERGY MINING CONSTRUCTION TRADING CO.

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TECHNICAL SPECIFICATIONS

Colour	Grey-White	
Material Content	Contains cement with polymer and binder additive.	
Grain Size (EN 12192-1)	$D_{(max)} \leq 1.8 \text{ mm}$	
Loose Unit Weight (EN 998-1))	$\leq 1600 \text{ kg/m}^3$	
Bond Strength and Form of Breaking (FB) (EN 1015-12)	GP-General purpose rough plaster mortar $\geq 0.08 \text{ N/mm}^2$, FP: B	
Water Absorption (EN 1015-18)	W_0 - no value required	
Compressive Strength (EN 1015-11)	$\geq 6 \text{ N/mm}^2$ $\geq 8 \text{ N/mm}^{(2)}$ (fibrous)	
Water Vapour Permeability Coefficient (EN 1015-19)	$\mu \leq 15$	
Thermal Conductivity (EN 1745)	$\leq 0,61 \text{ W/m.K}$	
Reaction to Fire (EN 13501-1)	Class A1	
Application Thickness	Minimum 1-1.5 cm and maximum 2-2.5 cm for a single layer	
Processing Time (21 ⁽⁰⁾ C+ 50% humidity)	20 mins	
Air Content (EN 1015-2)	$\leq \%20$	
Pot Life (21 °C + 50% humidity)	1 hour	
Shelf Life	12 months from the date of manufacture under appropriate storage conditions When not in use, the packaging should be tightly closed and the material should be consumed within 1 week at the latest.	

The above values are valid at +21 °C and 50% relative humidity.

PACKAGING and STORAGE

CODE	PACKAGING
KR-101	KRAFT Ready-Mixed Plaster-grey-fibre (25 kg)
KR-102	KRAFT Ready-Mixed Plaster-white-fibre (25 kg)

Store the material in its unopened packaging in a dry environment, protected from frost. Do not stack pallets on top of each other especially for long term storage.