

KRAFT RIDGE ADHESIVE

DESCRIPTION

It is a cement based, polymer reinforced, ready adhesive mortar used for bonding roof ridge boards.



TS EN 998-2-Masonry Mortars-Part-2-Masonry Mortar

C= General purpose masonry mortar

USAGE PLACES

It is used for gluing and fixing roof ridge boards.

POINTS TO BE AWARE OF

- Do not apply directly on wooden surfaces.
- Do not apply on painted and water impermeable surfaces.
- Do not apply on metal surfaces.
- Within 24 hours, it should not be used on surfaces that may be in danger of frost. The applied mortar should be protected from frost for minimum 3 days.
- Avoid application under direct sun and strong wind. Application must be made when the surface temperature is between +5 °C and +25 °C.
- It is recommended to use protective gloves during applications. For more detailed protective measures, please refer to the material safety data sheet of the product.

ADVANTAGES

- Single component, easy to prepare and apply.
- Due to its high water retention capacity, pot life and processing time is long.
- UV resistant.
- Thanks to its red colour, the roof tile does not spoil the appearance of the roof tiles.

SURFACE PREPARATION

Before the application, all kinds of dirt, wood or materials that may be found on the surface and on the tiles that may prevent adhesion should be cleaned. In hot air applications (**if the surface temperature is above +25 °C**), the surface must be pre-wetted so that it is moist for the appropriate temperature. This will prevent the adhesive from losing its water fast.

VARLIK MINERAL GEOTHERMAL ENERGY MINING CONSTRUCTION TRADING CO.

CENTRE: Beştepe Mah.No:1/113 Yenimahalle/Ankara

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KRAFT RIDGE ADHESIVE (TECHNICAL DATA SHEET)

USAGE MANUAL

1 Bag (25 kg) **KRAFT® Ridge Adhesive** is slowly added into 6-6,5 kg water and mixed for 5 minutes with a 400-600 rpm mixer until it reaches paste consistency. The prepared mixture **is left to rest for 5 minutes**. Then it is mixed again and applied to the surface with a suitable trowel. After the material is applied to the surface with a trowel, it should be adhered according to the air temperature and climatic conditions in which the material is used. In such cases, the adhesive is pressed with a finger and the adhesive surface is checked. If the material gets on the fingers, the bonding process is continued. Otherwise, the bonding process should be terminated and the dried adhesive material should be scraped off the surface and new adhesive should be applied to the surface. All tools and equipment used after the application should be cleaned with water before the mortar dries. The manufacturer's information written on the packaging should be taken into consideration before and during the application.

EXPENDITURE

Mahya Dimensions	Usage (pcs/m ²)	Consumption (kg/piece)
430mm/250mm/200mm	3	0.5-0.75 kg/piece

TECHNICAL SPECIFICATIONS

Colour	Red - Anthracite
Material Content	Contains cement, mineral filler and colourant.
Grain Size (EN 12192-1)	D _{max} : 0.8 mm
Tensile Bond Strength-concrete surface (EN 12004)	Normal Hardening Cement Based Adhesive with Reduced Slip Properties ≥ 0.5 N/mm ⁽²⁾ (28 days normal ageing) ≥ 0.5 N/mm ⁽²⁾ (after water ageing) ≥ 0.5 N/mm ⁽²⁾ (after heat ageing) ≥ 0.5 N/mm ⁽²⁾ (after freeze-thaw cycle)
Compressive Strength (EN 1015-11)	≥ 5 N/mm ²
Chloride Content (EN 1015-17)	< % 0,05
Water Absorption (EN 1015-18)	0.1 kg / (m ⁽²⁾ min ^{0.5})
Water Vapour Permeability (EN 1745)	5/20
Thermal conductivity (EN 1745)	0,35 W/m.K
Mixing Ratio	25 kg powder + 6-6,5 kg water
Application Thickness	8mm-10mm
Temperature Resistance	-40°C / +100°C
Open Hold Time	≥ 30 minutes
Maturation Time	min 5 minutes
Container Life	2 hours

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Wettability (EN 1347)	%90
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-130	KRAFT® Ridge Adhesive (25 kg) (RED)
KR-130	KRAFT® Ridge Adhesive (25 kg) (ANTRASITE)

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

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