

MANTLE KRAFT DECO

DESCRIPTION

It is a cement-based and polymer-added elastic decorative plaster that can be applied with a trowel and forms a special pattern surface in fine and coarse aggregate size.



TS 7847-Paints and plasters-masonry and concrete exterior cladding

Tip

Dry Film Thickness:	E5
Grain Size:	S4
Water Vapour Transfer Rate:	V1
Water Transfer Rate:	W2
Crack Covering Feature:	A0
Carbon Dioxide Permeability:	C0

PLACES OF USE

- Interior and exterior facades, ceilings and walls
- As top coat decorative plaster in sheathing system applications
- Plaster repair and exterior granulated plaster applications
- Directly on brick, aerated concrete, pumice block

POINTS TO BE AWARE OF

- Do not apply on wood, OSB, PVC, bitumen, metal, paint coated surfaces. (Mortar is cement based and does not stick).
- Within 24 hours, plaster should not be applied on surfaces where frost hazard may occur.
- Avoid application under sun and strong wind. Application must be made when the surface temperature is between +5 °C and +25 °C. In open areas or areas exposed to the sun excessively, ground temperatures rise rapidly and this increases the water absorbency of the surface. Since the surface will rapidly absorb the water in the mortar, the mortar dries rapidly and the insulation board cannot adhere well to the surface and breaks off from the surface. Application should be made by wetting the floors in areas exposed to the sun excessively.
- If the surface temperature is above +25 °C, wait for the appropriate temperature required for plastering.
- 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

- It is one component, easy to prepare and apply.
- Adhesion strength is high. Resistant to freeze-thaw cycle.
- Provides a natural and decorative appearance.
- White in colour. Can be painted over.
- Water vapour permeable.
- Due to its thick grained feature, it has high crack covering feature in a single layer.
- It acts as a top coat in jacketing system applications. Protects the system against external influences.

SURFACE PREPARATION

Make sure that the application surface is solid, dry and dust-free. In top coat applications in sheathing systems, make sure that the boards are firmly adhered to the surface and the plaster applied on it is completely dry. Surface defects should be corrected with cement based **KRAFT Repair Mortar**

USAGE MANUAL

VARLIK MINERAL GEOTHERMAL ENERGY MINING CONSTRUCTION TRADING CO.

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TECHNICAL DATA SHEET

1 Bag (25 kg) **MANTO KRAFT DECO** is slowly added into 5,5-6 kg water and mixed with a 400-600 rpm mixer for 5 minutes until it reaches the paste consistency. The mixture **is left to rest for 5 minutes**, then mixed again and applied to the surface with a steel trowel. The desired pattern (tirfil) is given to the surface with rubber trowel. In FD type plasters, the pattern is given by making circular movements with the rubber trowel, in RP type plasters, the pattern is given by moving in one direction (such as up-down or right-left). If the plaster lifts from the surface during the patterning process, it should be waited a little more for the trowel. If there is no pattern on the plaster surface, it is too late for tirfil. The plaster surface can be patterned by wetting.

EXPENDITURE

2.5-3.0 kg/m²

TECHNICAL SPECIFICATIONS

Colour	White	
Material Content	Contains cement, coarse grained mineral filler and special polymer additives.	
Grain Size (EN 12192-1)	Dot Pattern FD-1.5 (DMAX : 1.5 mm) FD-2 (DMAX : 2 mm) FD-3 (DMAX : 3 mm)	Line Pattern RP-2 (DMAX : 2 mm) RP-3 (DMAX : 3 mm) 
Dry Film Thickness (EN 1062-1)	E5 (> 400 µm)	
Grain Size (EN 787-7)	S4 (> 1500 µm)	
Water Vapour Transfer Rate (EN ISO 7783-2)	V1 (> 150 g/m ⁽²⁾ d), Sd < 0.14m	
Water Transfer Rate (EN 1062-3)	W2 (no value required)	
Crack Covering Feature (EN 1062-7)	A0 (no value required)	
Carbon Dioxide Permeability (EN 1062-6)	C0 (no value required)	
Maturation Time	min 5 minutes	
Temperature Resistance	-40°C / + 100°C	
Container Life	1 hour	
Mixing Ratio	25 kg powder + 5,5-6 kg water	
Consumption	2.5-3 kg/m ²	
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-1500	MANTO KRAFT DECO (25kg) FD
KR-1500-1	MANTO KRAFT DECO (25kg) RP

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
(FD: dot pattern, RP: line pattern)

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