

KRAFT® SIVA MAX

DESCRIPTION

It is a cement based, polymer and binder added, thin machine plaster that can be applied as a single coat with a size less than 1.8 mm, contains optional fibre reinforcement and contains additives that allow machine application.



TS EN 998-1 / Masonry Mortar-Features-Part 1: Coarse and fine 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 BE AWARE OF

- Not to be applied on wooden, OSB, PVC, bitumen surfaces, painted and metal surfaces. (It can be applied together with plaster mesh on wooden and OSB surfaces).
- It should never be used on exterior surfaces that will freeze within 24 hours.
- It can be applied on aerated concrete and exposed concrete surfaces after **TECHNO KRAFT® Primer** or **TECHNO KRAFT® LATEX** application. (see **TECHNO KRAFT® Primer** **TECHNO KRAFT® LATEX**)
- 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.
SIVA MAX applications are different from known hand plaster or ready-mixed plaster applications. This type of plasters require less water than hand or **ready-mixed** plasters. It saves time in application and does not tire the applicator. It provides better adhesion due to pumping the plaster to the surface.
- It is recommended to use protective gloves in applications. For more detailed protective measures, please obtain the material safety data sheet of the product from the manufacturer.

ADVANTAGES

- One component, easy to prepare and apply.
- The material can be pumped easily.
- It provides ease of application on large surfaces with its easy gauging structure.

VARLIK MINERAL GEOTHERMAL ENERGY MINING CONSTRUCTION TRADING CO.

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

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SURFACE PREPARATION

The application surface should be clean, solid, free from paint and scraped plasters and pre-wetted to be damp. Especially on surfaces with high water absorbency such as exposed concrete, gas concrete, **KRAFT® SPREADING LAYER APPLICATION WITH PLASTER MAX** will give better results. Spread 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. The SIVA MAX pump should be located close to the mixer and the pumping machine should have sufficient hose width and length to pump the plaster easily and quickly to the application surface. It is important that the hose or pipe to be used in the application is non-flexible, non-bending (not rubber hose) for more comfortable pumping (friction is less in the non-flexible pipe and high pressure is provided in the pipe). Before pumping the plaster to the surface, the pump hose should be wetted to ensure an easy flow. Some amount of water should be put into the mixer and the pump is started and the hose, hose mouth is wetted.


USAGE MANUAL

5-6 kg of water is placed in the mixer tank and 1 bag (25 kg) **KRAFT® PLASTER MAX** is slowly added into the machine. The prepared plaster is sprayed on the surface in the desired thickness with the mixing and spraying machine. Then the surface is levelled with the help of a long gauge and a smooth appearance is obtained. After the plaster is pulled for a certain period of time, it is trowelled (finishing). During pumping, the applicator or the pumpman should hold the spray nozzle at a distance of at least 30 cm from the application surface. The amount of plaster applied to the surface can be adjusted by adjusting or changing the diameter of the spray nozzle head. In this way, the applicator can make the plaster application more comfortable and controlled. If the plastered surfaces are watered from time to time considering the climatic conditions, a very solid plaster surface is obtained. The plaster should be kept moist for 2-3 days following the application.

EXPENDITURE

13 - 14 kg/m² for 1 cm thickness

TECHNICAL SPECIFICATIONS

Colour	Grey-	
Material Content	Contains cement with polymer and binder additive.	
Grain Size (EN 12192-1)	D _(max) ≤ 1.8 mm	
Loose Unit Weight (EN 998-1))	≤ 1600 kg/m ³	
Bond Strength and Form of Breaking (FB) (EN 1015-12)	GP-General purpose rough plaster mortar ≥ 0,08 N/mm ² , FP: B	
Water Absorption (EN 1015-18)	W ₀ - no value required	
Compressive Strength (EN 1015-11)	≥ 6 N/mm ²	
Water Vapour Permeability Coefficient (EN 1015-19)	μ ≤ 15	
Thermal Conductivity (EN 1745)	≤ 0,61 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)	≤ %20	
Pot Life (21 ⁽⁰⁾ 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.

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KRAFT PLASTER MAX

TECHNICAL DATA SHEET

PACKAGING and STORAGE

CODE	PACKAGING
KR-100	KRAFT [®] PLASTER MAX -grey (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.

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