

Note on English translation:

This is a translation of the technical data sheet valid in Iran.

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Technical Data Sheet

2022-2023

Skimlite Gray

Cement-bound filling material

Product description

K+® SKIMLITE-Gray is a cement bound filling material for joint filling and full-surface skim coating by hand Cement Boards, for example before the application of a decorative plaster or paint finish. Reinforcing Mesh must be embedded.

K+® SKIMLITE-Gray can be also used for filling joints between Cement Board panels. Tape (10 cm) must be embedded.

Storage

Store bags in a cool and dry place on pallets away from water and moisture. Pour the contents of damaged into a container use first. Unopened storage life approx. 12 months.

Application

Preparation of the substrate

Cement Board must be fixed firmly to a structurally supporting framework and must be dry, clean and dust-free. must be previously primed with Board Primer.

Mixing

Stir 20 kg K+® SKIMLITE-Gray into approx. 5–6 lit of cold, clean water (0.2–0.22 lit water/kg k+® SKIMLITE-Gray). We recommend the use of a 600 rpm stirring machine. Use a clean mixing container and mixing tool.

Skim treatment:

Apply K+® SKIMLITE-Gray to a thickness of 4 mm and spread evenly. If necessary, comb through with an 8/8 mm notched trowel. Press Reinforcing mesh over the whole area with approx. 10 cm joint overlaps and then skim over thinly.

Application

Joint treatment:

Fill joints, place Tape (10 cm) and press in with a trowel. Apply a thin layer to cover mixing tool.

To achieved a felted surface suitable for wallpapering or painting, skim over the first coat after hardening with a further 2–3 mm thick coat of K+® SKIMLITE-Gray. Felt the surface with a felt or sponge disc and, if necessary, with a smoothing float or trowel. Immediately after use, clean tools and equipment using clean water.

Working time:

Working time approx. 3 hours incl. embedding the Reinforcing Mesh. (At a temperature of 23°C and humidity %50)

Working temperature/climate:

Filler should only be applied to Cement Board once the board has adapted to the ambient climatic conditions. The material, ambient and base temperature must not fall below +5°C.

Material coverage:

- Approx. 1.5 kg/m²/mm (for full-surface skim coat).
- Approx. 1.5 kg/m² (joint treatment).
- Average thickness is about 5–7 mm.

Technical specifications

Description	Unit	Value
Color	-	Gray
Reaction to fire	-	A1
Compressive strength	N/mm ²	≥ 2.0
Bending strength	N/mm ²	≥ 1.0
setting time	minute	90-110
Initial setting time	minute	220±20
Final setting time	minute	230±20
Water powder ratio	%	1 / 0.55

Packaging

Product	Weight (kg)	Packaging (pcs./pallet)	Material Number
Skimlite Gray	25	48	71010000007000

Safety Instructions

- Wash hands with plenty of water after handling.
- Use protective gloves / protective clothing / eye protection / face protection.
- In case of contact with eyes: Rinse your eyes cautiously with water for several minutes. If there is a lens remove it and continue to rinse.
- If eye irritation persists: Get medical advice / attention.

It is suggested to follow the technical details which given on Kplus system brochures for application.

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