

MULTILIGHT PLUS 570

Natural white light adhesive, armoring and renovation

PURPOSE:	<p>Universal pre-dried finished mortar for exteriors and interiors</p> <ul style="list-style-type: none">- As an adhesive and armoring mortar for polystyrene and mineral wool insulation plates,- To cover load-capable as well as painted old plaster,- As adhesive plaster or a plastic bridge on smooth concrete surfaces or roughed up Styrodur plates- As an armoring layer with tissue on polystyrene shell elements,- For the pretreatment of small surfaces made of hollow wood lightweight plates. <p>As an adhesion bridge, MULTILIGHT PLUS 570 should only be used for the mortars of the mortar group CS I and CS II.</p>
COMPOSITION/ PROPERTIES:	<p>Finished dry mortar CS II EN 998-1 based on white calcified hydroxide, white cement, high-quality quartz sands and light add-ons as well as polystyrene, adhesion enhancers and textile fibres</p> <p>Typical values: Pressure resistance: 2.3 N/mm² Solid mortar raw density: 0.95 N/mm² Water absorption W: W 2 Water conductivity 0.44 W / (mK) E-module: 1500 N/mm²</p>
DELIVERY:	<p>In 20 kg paper bags. In SCHAEFER silo with silo mixing machine or .continuous mixer. Available in white, grain 0.5 mm.</p>
STORAGE:	<p>Store dry, if possible store on wood grids, protected from draughts.</p>
MORTAR PREPARATION:	<p>Using a plaster machine, re-mixer or a continuous mixer is advantageous When applying manually, mix bag contents in the water in a manner appropriate for processing, after a maturing time of approximately 10 minutes briefly remix. Water requirement approx. 9-10 l per bag. Do not add anything except pure water.</p>
YIELD:	<p>20 kg MULTILIGHT PLUS 570 = 22 litre fresh mortar.</p> <p>Heat insulation bonding systems</p> <ul style="list-style-type: none">- For adhesion: Approx. 4.0 kg/m², or approx. 5,0 m²/bag on an even substrate- For armoring: Approx. 4.2 kg/m², or approx. 4.8 m²/bag at approx. 5 mm thickness. <p>Other applications: With 3 mm plaster application approx. 8 m²/bag With 4 mm plaster application approx. 6 m²/bag on even substrate.</p>
PLASTER BASE:	<p>Must be load-capable, dry, clean and free of loose parts. Pretreat Heavily suctioning substrates with a diluted PRIMER. Old plasters which sand on the surface and chalking paints must be solidified with SPEZIALGRUND W. To improve adhesion on smooth plastic resins and dispersion coats, pretreatment with QUARZGRUND is required. The drying times are each 24 hours</p>
PLASTER APPLICATION/ APPLICATION:	<p>Use in SCHAEFER KALOTHERM insulation bonding system: cf. KALOTHERM brochure " Use and application". As an adhesive bridge with smooth-shelled concrete and roughed polystyrene and with small-surface area hollow wood light-weight plates, MULTILIGHT PLUS 570 should be applied approx. 5 mm thick and combed through with a toothed trowel. As adhesive plaster on concrete, EPS shell elements, wood fibre plates and as a renovation mortar, apply 5-10 mm thick. Imbedded into material depending on substrate structure. Can be grouted with material on substrate: approx. 5 mm thick. As a substrate, it is to be prepared according to one of the following Prepare top plaster layer accordingly.</p>



Application time depending on the temperature and absorbability of the substrate 1-2 hours.

The minimum standing time for MULTILIGHT PLUS 570 is approx. 1 week.
Generally, there is a standing time of one day per each mm of application thickness.

Before the following coating with top plasters, MULTILIGHT PLUS 570 must be fully hardened.
Before coating top plasters, priming with ISOLIERGRUND PLUS or QUARZGRUND is beneficial.

The mortar may not be applied under 5°C and over 30°C in temperature of the air or plaster base.
The mortar is to be protected from frost until it hardens.

SAFETY INSTRUCTION:

Mortar reacts with strongly with moisture - avoid contact with the eyes and skin. Do not ingest dust.
Details are provided in the safety data sheet.



BÜV Mitte

Monitored by a third party by Construction material monitoring association (Baustoffüberwachungsverein) Transportbeton – Mörtel Mitte e.V., Neustadt/Weinstraße

The aforementioned data are based on tests and experience and represent general guidelines. They cannot be applied to every specific case and do not release the person applying the substance from his own tests and experiments. The generally recognised regulations and contractor rules for structural engineering and the corresponding guidelines and standards apply. Technical information on other products and our technical consultation service is available upon request. Technical modifications reserved as part of further development. In addition, our General terms of business (allg. Geschäftsbedingungen) apply. Last update: February 2015.

SCHAEFER KRUSEMARK GmbH & Co. KG

Louise-Seher-Str. 6
65582 Diez

Phone: 0 64 32 / 503 - 0
Fax: 0 64 32 / 503 - 119

E-mail: info@schaefer-krusemark.de
Internet: www.schaefer-krusemark.de

