

## OPTIMAL PLUS Fine finish plaster – Groove plaster

- PURPOSE:** OPTIMAL PLUS is used for the decorative design of façades and interior walls with mineral-based concealed plasters and with the SCHAEFER KALOTHERM heat insulation system.
- COMPOSITION/ PROPERTIES:** OPTIMAL PLUS is a mineral-based ready-mix dry mortar of the mortar group CS II, created from high-quality quartz sands and grains, standard-compliant bonds as well as precisely coordinated compensation materials. Pure calcium stone or marble grains are applied as a structural grain for fine grain plasters. Only calcium-cement and light-fast coloured pigments are used for coloured OPTIMAL PLUS. OPTIMAL PLUS is designed to be hydrophobic (water-proof) and sets itself apart in particular through easy processing.
- GRAIN/ YIELDS:** Typical values:  
Fire class: A 1  
Water absorption W: W 2  
Pressure resistance 2.2 N/mm<sup>2</sup>  
Vapour permeability  $\mu$ : 11  
Heat conductivity 0.93 : $\lambda$  W / (mK)
- | Fine finish plaster |                                 | Groove plaster |                                 |
|---------------------|---------------------------------|----------------|---------------------------------|
| 1.5 mm              | Approx. 10 m <sup>2</sup> /bag  | 2.5 mm         | Approx. 8.5 m <sup>2</sup> /bag |
| 2.0 mm              | Approx. 9 m <sup>2</sup> /bag   | 3.0 mm         | Approx. 7 m <sup>2</sup> /bag   |
| 3.0 mm              | Approx. 7.5 m <sup>2</sup> /bag | 5.0 mm         | Approx. 5 m <sup>2</sup> /bag   |
| 4.0 mm              | Approx. 6 m <sup>2</sup> /bag   |                |                                 |
- DELIVERY:** In 25 kg bags.
- STORAGE:** Store dry, if possible store on wood grids, protected from draughts.
- COLOURS:** OPTIMAL PLUS is available in all colours under the SCHAEFER KRUSEMARK color system. Special tones can be taken into account upon request. To apply coloured OPTIMAL PLUS, we refer to our technical information "Selection and application of coloured finishing plasters" as well as "Levelling coat".
- MORTAR PREPARATION:** With all conventional mortar machines. When processing manually, mix OPTIMAL PLUS finishing plaster in water suitable for application. Water requirement depending on cleaning type and grain 7-9 l per bag. Do not add anything except pure water. When mixing, you should particularly note that the mortar consistency and mixing time remain consistent.
- APPLICATION:** The unbound concealed plaster should be evenly and sufficiently premoistened or treated with ISOLIERGRUND PLUS or QUARZGRUND, according to the instructions. Plaster must be applied undiluted with QUARZGRUND. For coloured OPTIMAL PLUS, we recommend the use of ISOLIERGRUND PLUS or QUARZGRUND in the colour of the top plaster. OPTIMAL PLUS, mixed into a mortar appropriate for a trowel, can be applied fresh-to-fresh in the required thickness, spread evenly with a steel trowel, and structured with a suitable device. The material for a closed surface is to be mixed continuously from one batch. Closed surfaces are to be treated in one step without interruption and structured. The mortar may not be applied under 5°C and over 30°C temperature of the air or the substrate. The freshly plastered façade must be protected from frost and accelerated drying out from the sun and wind as well as wear from rain.
- 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.



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.

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