

Strikocem MEP-Plus lightweight lime-cement plaster

Product Name:

Strikocem MEP-Plus lightweight lime-cement plaster

Composition:

Approved additives, including perlite, to improve the application and achieve the required properties.

Properties:

High-quality factory-prepared dry lime-cement mortar. Mortar group CS II according to DIN EN 998-1 (PII according to DIN V 18550). Approved additives, including perlite, to improve the application and achieve the required properties.

Colors:

Grey

Use:

MEP-Plus is a universal lime-cement plaster which can be applied to many (insulating) mineral surfaces, both interior and exterior. On highly insulating surfaces such as aerated concrete we recommend the use of Strikocem MKL. It is an ideal base for Strikocem finish coats from the mortar groups CS-I (P-I) en CS-II (P-II), for Strikolith decorative plasters and for tiling (max. 15 kg/m²). The minimum layer thickness for interior applications is 10 mm. The minimum layer thickness for exterior applications is 15 mm. The layer thickness per application run is 20 mm. Use Strikocem SLP- it or Strikocem MC at plinth level. For detailing at ground level please refer to our Publication 14.2

Technical data:

- ? Additive: limestone crushed sand, perlite
- ? Grain size: approx. 1,2 mm
- ? Water-mortar ratio: approx. 6L per 25 kg
- ? Volumetric mass: approx. 1,3 kg/dm³
- ? Compression strength: approx. 4,5 N/mm²
- ? Capillary water absorption: W2 (volgens DIN EN 998-1)
- ? Water vapour diffusion resistance: μ :5/20 (volgens EN 1745)
- ? Thermal conductivity lambda :
- < 0,47 W(m-K) voor P=50% (volgens EN 1745)
- < 0,54 W(m-K) voor P=90% (volgens EN 1745)
- ? Lambda value:< 1,0 W(m-K)

Surface preparation:

Pre-apply Strikocem VSP4 on weak and/or non-absorptive brickwork. Pre-treat very moisture-absorbent surfaces with Strikolith lime-cement primer. Coat concrete surfaces with Strikocem UNI-H. The application surface must be sound and stable, free from dust, loose parts, shuttering release oil, moisture and other contaminants that can have a negative impact on bonding.

General Processing:

Strikocem MEP-Plus can be applied manually or using a machine in the desired thickness (Inside minimum 10, outside minimum 15). With uneven absorbing substrates, apply Strikocem MEP-PLUS in 2 layers wet-in-wet. With a further finish, remove the sinterskin using a shed. The MEP-Plus can also be delivered as a shed. If desired, for optimum sanding, the basecoat can be finished with a thin layer of MEP-Plus (approx. 3-4 mm) after a minimum of 2 and maximum 5 days of drying. The total layer thickness outside must be 15 mm. The maximum layer thickness per application run is 20 mm. Roughen the base layer horizontally when applying multiple layers. In the event of applying multiple layers you must ensure that the next layer is not thicker than the previously applied base layer/covering layer and that the base layer has been allowed to dry 1 day per mm of layer thickness. In dry weather and/or when there is a risk of fast drying moisten the plaster over several days using tap water.

Consumption:

Approx. 1.2 kg/m² per mm layer thickness.

Packaging:

25 kg in papieren zakken. 40 zakken per pallet.

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Storage:

Store dry and on pallets for a maximum of 12 months.

Safety:

It is recommended that eyes and skin are adequately protected using personal protective equipment when working with mineral plasters. If MEP+-it comes into contact with the eyes bathe the eyes with copious quantities of clean water for approximately 15 minutes then consult a doctor.