

Product data SILKAFIX thin joint mortar

Product description

Designed factory made thin joint mortar for calcium silicate masonry for internal use or use below ground level in elements subject to structural and non-structural requirements.

Composition

SILKA-fix thin joint mortar is specially designed for use with Silka calcium silicate blocks and elements. Silka-fix is supplied dry and in pre-mixed 25kg bags. The mortar has to be mixed for 4 minutes with the quantity of water stated on the bag. This to ensure that water can mix with all the cement particles. After mixing for 4 minutes a creamy mass should have been created with no dry mortar in the mix.

It remains workable within the bucket for approx. 4 hours (summer type) and 2 hours (winter type). Winter type can be used if the temperature during usage and hardening does not exceed -3° . It will reach its initial bond strength within 7 to 10 minutes, and full design bond strength within 28 days.



**Dry bulk density:**

1.450 +/- 50 kg/m³

Compressive strength:

≥ 12,5 N/mm²

Initial shear strength:

≥ 0,3 N/mm²

Chloride content:

< 0,1 % m/m

Reaction to fire:

Class A1

Water absorption:

< 0,35 kg/m².min0,5

Water vapour permeability:

5 / 20

Thermal conductivity:

0,45 W/mK

Durability (against freeze/thaw)

History has shown, that the mortar has a high freeze/thaw resistance when applied in the intended place of use.

Bond strength :

≥ 0,4 N/mm²

Workable life in hours :

≥ 4 hours (summer type)

≥ 2 hours (winter type)

Correction time :

> 7 minutes

Other information

Xella's technical staff are on hand to render assistance with written or telephone enquiries.

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