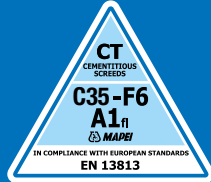




Støpemørtel B30



Screed mortar for filling small areas. For internal and external use

WHERE TO USE

Støpemørtel B30 is used for smaller mortaring projects for both internal and external uses. The product is well suited for mortaring U-blocks, foundations, and as mortar for natural stones. Frost-proof.

TECHNICAL CHARACTERISTICS

Støpemørtel B30 is a dry mortar containing cement, filler and natural aggregates. The mortar should only be mixed with water and can be applied on both interior and exterior surfaces.

INSTRUCTIONS FOR USE

Preparing the substrate

Substrates should be free of mud, dust, grease and loose particles. Absorbing substrates should be watered. Free water should not be on the surface of the substrate when the application starts. The temperature of the substrate and the ambient temperature should not fall below +5 °C.

Mixing

Should be mixed with 3-4 litres dependent on the desired consistency. Increased water content will give a lower compressive strength and larger shrinkage. The mortar should be mixed with a concrete mixer or with drill and whisk.

APPLICATION

Støpemørtel B30 may be applied with common masonry tools. Make sure to achieve good compression

and make sure to fill air pockets with mortar. Avoid using product that has begun setting. At lower temperatures you may add **Antifreeze N** to the mortar to achieve a lower freezing point, but precautions like heating and covering should be followed to avoid the setting process halting.

FINISHING

Immediately after application the surface should be protected from drying out with a curing membrane, covering with plastic film or by watering.

CLEANING

The product may be removed from tools and equipment used during application with water, but if the product is allowed to set it can only be removed mechanically.

CONSUMPTION

A 25 kg bag gives approx. 12 - 13 liters mortar.

PACKAGING

Støpemørtel B30 is available in 25 kg bag, 48 bags per pallet and 1200 kg big-bag.

STORAGE

Støpemørtel B30 can be stored in 12 months in a dry place in the original packaging.

Støpemørtel B30 complies with the conditions of Regulation (EC) N° 1907/2006 (REACH), Annex XVII, item 47.



| TECHNICAL DATA (typical values) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|------------------|---|-----------------------------|-------------|------------------|---------------------|-----------------------|------------|-----|---|--------------------|------------|----|-----------------|------------|----------|-----|--|--------------|----------|-----|--|----------------|------------|-----|--|-------------------|------------|------------------|--|
| PRODUCT IDENTIFICATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Appearance: | powder | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Colour: | grey | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum aggregate size (mm): | 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry solids content (%): | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APPLICATION DATA (at +20°C-50% RH) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Colour of mixture: | grey | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixing ratio: | 12-16% water, 3 – 4 liters per 25 kg bag this gives a w/c ratio of 0.55-0.60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Density of mixture (kg/m³): | 2100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Application temperature range: | from +5°C to +35°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pot life of mixture: | approx. 2 hours | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FINAL PERFORMANCE (14% water at +20°C and 50% RH) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Performance characteristics</th> <th>Test method</th> <th>Declared classes</th> <th>Product performance</th> </tr> </thead> <tbody> <tr> <td>Compressive strength:</td> <td>EN 13892-2</td> <td>C35</td> <td>> 10 N/mm² (7 days) > 35 N/mm² (28 days)</td> </tr> <tr> <td>Flexural strength:</td> <td>EN 13892-2</td> <td>F6</td> <td>approx. 8 N/mm²</td> </tr> <tr> <td>Shrinkage:</td> <td>EN 13454</td> <td>NPD</td> <td></td> </tr> <tr> <td>Consistency:</td> <td>EN 12706</td> <td>NPD</td> <td></td> </tr> <tr> <td>Bond strength:</td> <td>EN 13892-8</td> <td>NPD</td> <td></td> </tr> <tr> <td>Reaction to fire:</td> <td>EN 13501-1</td> <td>A1_{fl}</td> <td></td> </tr> </tbody> </table> | | | | Performance characteristics | Test method | Declared classes | Product performance | Compressive strength: | EN 13892-2 | C35 | > 10 N/mm² (7 days) > 35 N/mm² (28 days) | Flexural strength: | EN 13892-2 | F6 | approx. 8 N/mm² | Shrinkage: | EN 13454 | NPD | | Consistency: | EN 12706 | NPD | | Bond strength: | EN 13892-8 | NPD | | Reaction to fire: | EN 13501-1 | A1 _{fl} | |
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SAFETY INSTRUCTIONS FOR PREPARATION AND INSTALLATION

Instructions for the safe use of our products can be found on the latest version of the SDS available from our website www.mapei.no

PRODUCT FOR PROFESSIONAL USE.

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above - information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application: for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the technical data sheet, available from our web site www.mapei.no

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All relevant references for the product are available upon request and from www.mapei.no



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