

# STELA

Plasticizer for cement mortar admixtures fully replacing lime.

## Description

Plasticizer for cement mortar admixtures fully replacing lime. Use as an additive at a very small amount during mixing of mortars with water for plasters, building mortars, mortars for laying marble, masonry mortars, decorative stone mortars etc.

## Features - Advantages

- Completely eliminates lime and its disadvantages
- Improved adhesion
- Superior plasticity
- Longer setting time
- Increased mortar strength
- Eliminates plaster sagging
- Improves the finished surface of mortars
- Does not create any change in the colour of mortars and renders
- Significantly improves water resistance and strength.
- Free of chloride ions and corrosive ingredients.

## Examples of applications

- Renders
- Building mortars
- Marble masonry
- Injected mortars

## Technical Specifications

**Density:** 1,02 Kg/l

**Form:** Transparent solution

## Instructions of use

The mixture is prepared in a container by pouring first the required amount of water and adding STELA afterwards. Then pour the content of the container to the mortar making sure that the recommended dosage is not exceeded. Over dosage (more than 0.4% by cement weight) will decrease mortar strength. Stir until a uniform mixture is obtained.

## Consumption – Dosage

### Renders:

For every 25kg bag add 75ml of STELA. For example, to produce 1m<sup>3</sup> of cementitious render the following dosage is recommended:

**Sand:** 0,84m<sup>3</sup>

**Cement:** 250 kg

**STELA:** 750 ml

## Connecting mortars:

For every 25kg bag add 50ml of STELA. For example, to produce 1m<sup>3</sup> of connecting mortar the following dosage is recommended:

**Sand:** 0,90m<sup>3</sup>

**Cement:** 225 kg

**STELA:** 450 ml

## Packaging

1,5,20 l plastic containers, Drums 200 lt.

## Storage

Preferably in shady and roofed locations, low in moisture, for at least 18 months.

## Remarks

- STELA offers better workability when mixed with fine-particle sand.
- Application temperature should not be lower than 5 °C. If the product freezes it can be used after it is warmed at room temperature.

## Notes

Technical details, properties, recommendations and information on BAUER products are supplied in good faith. They are based on the company's research and experience, provided that they are stored and applied under normal conditions. As the method of using materials as well as project and environment conditions are beyond the control of the company in each individual application setting, the product user is held solely responsible for the result of application. No responsibility under any legitimate relationship can be substantiated against the company, based on the information set out hereunder. Product users are advised to refer to the latest revision of the technical manuals available.

## Other information

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