



# ASOCRET-130

## Repair mortar

PUBLIC WORKS POSE NO: 04.613/3-B

### Description:

One component, fiber modified, cement based, polymer modified repair mortar.

### Areas of Application:

- It can be used to repair concrete elements of all concrete structures, bridges, tunnels, etc. at vertical and horizontal applications.
- It can be used to repair concrete surfaces and repair edges of joint places.

### Properties/Advantages:

- It is suitable for construction strengthening applications.
- It is easy to prepare, only mix with water.
- Easy application.
- It is resistant to frost.
- Non-corrosive and non-toxic.
- Stops Carbon dioxide diffusion, therefore protects reinforcement bars.
- It has excellent physical properties.

### Technical Data:

Color:	Grey
Specific Gravity:	at 20°C powder: 1,57 kg/l
Compression strength*:	17 N/mm <sup>2</sup> in 3 days 39 N/mm <sup>2</sup> in 7 days 55-70 N/mm <sup>2</sup> in 28 days
Flexural strength*:	9 N/mm <sup>2</sup> in 7 days 12 N/mm <sup>2</sup> in 28 days
Adhesion strength*:	1,5-2,5 N/mm <sup>2</sup> (to concrete)
* All strength values are measured at 23°C and 60% relative humidity.	
Length change:	<1 mm/m in 28 days
Pot life:	at 20°C, approx 1 hour
Application temperature:	+5°C - +30°C
Application thickness:	5-30 mm

### Packaging:

ASOCRET-130 is delivered in 25 kg sacks.

### Storage:

When stored in a dry condition in its unopened original package, 6 months.

### Surface Preparation:

Any material which can prevent adhesion, such as oil, loose particles, etc. shall be removed from the surface. Surfaces should be wetted before applying. It should not be water on the surface.

### Product Preparation:

ASOCRET-130 (water : powder = 1 : 8-9 by weight) shall be mixed with water. For a 25 kg pack approx. 2,75-3 liter water is adequate. The application consistency shall be "dry mortar".

### Method of Application:

ASOCRET-130 can be applied by a trowel.

### Cleaning:

Clean tools with water right after the application.

### Health and Safety:

Please refer to the MSDS for details.