Hämeenkatu 9
05800 HYVINKÄÄ
Tel. 020 789 5900
www.fescon.fi

ADHESIVE PLASTER TL



Product description

The Fescon Adhesive Plaster is a cement-based, polymer-modified, cement-based dry mortar with additives. The maximum grain size is 0.6 mm.

- Easy to use
- Good adhesion
- Application by brush or spray
- Chloride-free
- Slow carbonation
- Protects steel from rusting

Applications

- Adhesive plaster for repair plasters used in concrete structure repair work
- Corrosion protection of reinforcement bars uncovered during the repair of concrete structures

The product is listed in the portal for building products that can be used in Nordic Swan Ecolabelled buildings.

Instructions

Base

Clean the adhesion base of loose dust and dirt. Before applying the plaster, wet the area so that is damp enough to be darker in colour.

Mixing

Refer to the package for how much water the plaster requires. Add the dry material to the water and mix with a concrete mixer for around ten minutes. With a power mixer or a drill paddle, around one to two minutes of mixing is sufficient. Allow the plaster to stand for around ten minutes and mix it again for a short while. Find the correct consistency at this stage by gradually adding the rest of the water. We do not recommend adding all of the water right at the start. The finished plaster remains workable for around two hours.

Spreading the plaster

The plaster is spread onto a base that is damp enough to be darker in colour with a sprayer, roller or brush. Adhesion-wise, the best method is strong brushing. Spread repairing plaster over the adhesion plaster that is still wet or has dried completely.

Pretreatment of reinforcements

Remove damaged concrete from around the damaged reinforcement, for example by chiselling or water sand blasting. Make the holes large enough and shape them so that any rusted reinforcements can be cleaned or, if necessary, replaced with new ones. Choose the cleaning

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method appropriate for the situation (e.g. steel brushing, sand blasting or water sand blasting) so that a Sa 2 or St 2 level of cleanliness can be achieved. Finally, clean the base of loose dust and dirt, for example by pressure washing.

Protecting the reinforcements

Apply one or two layers of Adhesive Plaster to the cleaned reinforcing bars. Apply the first layer as soon as possible after the reinforcements were cleaned. The thickness of one layer is around 1 mm. You can apply a new layer 2-3 hours after the plaster has hardened enough to feel dry to the touch. The lowest working temperature (air and the treated surfaces) is +5°C. Once the plaster has hardened enough to feel dry to the touch, fill in the repaired place with Fescon Repairing Plaster or Non-sag Filler.

Waste handling

Storage and handling of waste
See the separate storage and disposal instructions https://www.fescon.fi/en/material-bank

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Technical information

Material usage	1 mm layer 0.1-0.2 kg per lineal metre in steel protection, depending on its size 1.5-2.0 kg/m^2 as adhesive plaster
Water requirement	Approx. 6 l/25 kg
Finished compound	12 - 13 l / 25 kg
Type	Powder
Colour	Grey
Package size	5 kg, 25 kg
Storage	Storage time in a dry location approx. 1 year
Lowest usage temperature	+5°C
Workability time	2 h
Adhesion strength	> 1.5 MPa
GWP A1-A3	0,46
GWP unit	kg CO2e/kg
Method for calculating the GWP value	Generic

Limitation of liability, product use notes and restrictions: Please familiarize yourself with Fescon Oy's general terms of delivery and the design and work instructions related to the product.