

BETAFORM S01 (white)

Technological instructions no.: 40-1

Safety sheet no.:

40

Composition:

hydraulic and polymer binding substances, modifying additives, granulated fillers

General description:

BETAFORM S01 is dry mortar mixture designed for maintenance and protection of concrete.

Merits:

On prepared render and concrete constructions creates a thinlayer adhesion interlayer of maximum thickness of 3 mm.

Unit of measure:

kg

Consumption per m2:

0,55 to 0,80 kg/m2 per one paint

Spreading capacity:

29,6 m2 per one coat / bag (20 kg)

Grain size:

not mentioned

Packing:

The product is packed in 20 kg laminated paper bags

Customs code:

3214900000

Colour scheme:

white tint

Thinning:

BETAFORM S01 is prepared by mixing of 100 weight parts of dry material into 24 to 26 weight parts of water according to the required consistency.

Bases:

It is applied onto common bases - firm, cement, polymer-cement or lime-cement renders, concrete or armoured concretes (made from portland or slag-portland cement), concrete reinforcement coated by anticorrosive paint. Use on bases of other types of cement and lightweight concrete should always be consulted with the producer. Incoherent, unstable, mechanically or chemically attacked bases (or its parts) that can cause namely reduction of adhesion of consequently realised material layers must be suitably removed (regrated, reground, tapped or shot blast).

Warning:

The mentioned information are compiled upon current status of technique. They represent general instructions upon our application experience and material test results. However they cannot include local conditions at its application and due to this any legal liability cannot be deduced from them. In doubt or need of solution of specific technical questions please contact us.

Preparation of the material:

BETAFORM S01 is prepared by mixing of 100 weight parts of dry material into 24 to 26 weight parts of water according to the required consistency. Mixing is done by means of a blender (drill adaptor) or a mixer with forced mixing. Mixing time is 2-10 minutes according to the used device. After mixing the mixture is left 10 minutes to mature and after short mixing it is prepared for use. The material is processed under temperatures from +5 °C to +30 °C, while temperature of the base, materials and water before mixing is also within this temperature range.

Workability period:

90 minutes

Description of application:

It is applied in one or two layers by stock brush or by spraying with maximal total thickness of 3 mm. Range of working temperatures is +5 °C to +30 °C. It is not recommended to realise the works under rain nor under higher temperatures on directly sunlit surfaces. In such a case the directly sunlit surfaces should be suitably shaded. Adjacent surfaces (windows, doors, banisters, switchgear boxes etc) must be protected against pollution by a suitable foil, removable or protective paints etc. Any polluted area must be cleaned in time because removal of dried material is difficult.

Flatness requirements:

not mentioned, the maximum thickness of the material may not be exceed

Climatic conditions during application:

Range of working temperatures is +5 °C to +30 °C. It is not recommended to realise the works under rain nor under higher temperatures on directly sunlit surfaces.

Security (S-theorems):

S 2 Store out of reach of children.

S 22 Do not breathe the dust.

S 26 If eyes are hit immediately and thoroughly rinse them out and immediately seek medical help.

S 36/37/39 Use suitable protective clothing, gloves, goggles or face sheet.

Security (R-theorems):

R 36/37/38 Irritating for eyes, respirator organs and skin.

R 43 May provoke sensibilisation at skin contact.

Safety regulations:

The product contains cement and as such it is classified in the sense of the Act no. 157/1998 Sb. as irritating substance with Xi symbol. Protection of respirator organs is not necessary if the highest admissible concentration of 10 mg/m3 is kept. Product during storage life meets the legislative requirements for the content of soluble hexavalent chromium.

First aid:

Protect your eyes and skin against stain, do not eat, smoke nor drink during the work. After the work wash your hands with water and soap and apply a reparation cream. If your eyes are hit, rinse them with water minimally for 15 minutes. If consumed immediately rinse mouth, drink minimally 0,5 l of water, do not invoke vomiting and always seek medical help.

Recommended tools:

stock brush, automatic render applicator

Quality:

The product is certified for the mentioned use and tested by accredited testing laboratory. At production the product is controlled by the company laboratory subject to the certified quality management system subject to the ?SN EN ISO 9001 standard.

Storage:

The product must be stored in original packing protected against humidity, direct sunlight under temperatures minimally +5 °C. Under the mentioned conditions is the storage life 6 months from the production date. Production date is marked on the packing.

Liquidation:

Liquidation of not used remains is done by watering and depositing of the hardened inert substance as building waste. Used packaging is liquidated as composite waste according to the valid legislation.

**1516**

STOMIX, spol. s r. o., 790 65 Žulová 178
Czech Republic, ID: 48400874
1516 - CPD - 08 - 0481
EN 1504 - 2
Products for protection and repairs of concrete structures, concrete protection systems

Permeability to water vapour: EN 7783-1 Class 1
Capillary absorption and permeability to water: EN 1062-3 $< 0,1 \text{ Kg/m}^2 \cdot \text{h}^{0,5}$
Adhesion: EN 1542 $\geq 0,8 \text{ MPa}$
Dangerous substances: comply with 5.4