Reinforced mix ProfiFix



Specification

- It has high adhesive properties
- It is vapor permeable
- It is highly elastic
- Water resistant and frost resistant
- It is easy to use

Sphere of application

The cement mix is intended for facade insulation systems with an "easy wet" method. It is intended for forming a reinforced coat on the surface and gluing of glass wool.

It can be used for gluing and reinforcing styrofoam boards and also for gluing of ceramic, porcelain, brick and stone tiles to walls and ceilings.

Technical data

Filler size	maximum 0,6 mm		240 min
	35 min		25 min
	5 - 9 cm		10 mm
	0,8 MPa		0,6 MPa
	0,12 MPa		0,05 MPa
	0,12 MPa		0,05 MPa
	minimal 4 MPa		maximal 1,5 mm/m
	minimal 50 cycles		0,12 mg/m * year * Pa
	maximum 0,3 kg/(m^2 * $hour^{0,5}$)		from -50 °C till +70 °C
	from +5 °C till +30 °C		0,18 - 0,22 l per 1 kg of the mix
	2 - 4 kg/m^2		4 - 6 kg/m^2
Warranty period	12 months from the date of manufacturing	Color	grey.

Composition

Cement mix with mineral extenders and special additives.

Application instruction

1 Surface preparation

The surface shall be performed according to DSTU - NB A.3.1-23:2013, DSTU - NB V.2.6-33:2018. The surface shall be dry, thoroughly cleaned of loose coats, dust, mud, oil, grease and other dirt.

Defects of the surface shall be coated with plaster. Highly absorbing surfaces shall be treated with deep-penetrating primer TM "Farbex". Undercoated surfaces or surfaces with low absorbing properties shall be treated with Universal Paint-primer TM "Farbex".

Before applying a protective reinforcing coat, it is necessary to fix insulating boards with screw plugs. Defects of the surface shall be polished with sandpaper after gluing of styrene foam boards but not before 72 hours.

Mineral boards shall not be polished.

2 Performing of application

Stir the mix manually or with a machine till homogeneous consistency. Repeat stirring in 5 minutes and after that the mix can be used during 4 hours.

Application shall be performed at the temperature of the surface from + 5 °C till + 30 °C. After application the mix shall be protected

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against quick drying, frost and rain. All directions are effective if the temperature of the surface is + 20 °C and relative air humidity is 60%. Apply the adhesive mix with a line of 4-5 cm on the edges of insulating boards for gluing. In the middle of the board make 6-8 spots minimum 1 cm high and 10 cm in diameter. It allows further leveling of the boards on the surface correspondingly. Area, coated with the mix, shall cover minimum of 40% of the total area of the board.

Apply the adhesive mix on the whole surface with a notched trowel. The notch size shall be 8*8 mm or 10*10 mm if the surface is flat. The mix shall not be applied on the edges of the boards, extra mix shall be removed. Head joints shall be applied in a cross manner. The width of the joints shall be maximum of 2 mm.

It is recommended to make a thin contact coat on the edges of the mineral and polystyrene foam boards in prior on the places, where the spots with the mix will be formed. It makes work with the boards and their assembling significantly easier.

Apply reinforcing coat of the plaster only in 72 hours after the boards were joint. A thin layer of the mix is applied with a flat side of the trowel. Form notches with the notched side of the trowel. A fiberglass net is pushed into applied mix and the surface is made flat with a flat trowel. The net shall be inside the coat and its pattern shall not be seen on the surface. The net is set with 2 sheets simultaneously from up down with the overlapping of 10 cm. Defected areas shall be thoroughly sandpapered.

Apply Paint-primer TM "Farbex" on the reinforced coat in 48 hours. Then apply a decorative coating in 48 hours.

The instrument shall be thoroughly washed with water after application.

The manufacturer is not responsible for the incorrect use of the product and if it is applied out of accordance with the present directions.

SAFETY

Store in the original packages on the pallets in dry spaces. It is recommended to work in rubber gloves. Avoid the mix contact with skin and eyes. If skin or eye contact, clean thoroughly with plenty of water as the mix contains cement (forms with water alkali solution).

ENVIRONMENTAL PROTECTION

Do not empty into drains, ponds and in soil! Rests of the mix shall be delivered to the waste drop-off point. Rests of dry products and empty containers shall be recycled as common construction waste, in accordance with the Law.

The authenticity of this information is based on laboratory tests and practical knowledge. The quality of the product completely corresponds to the demands of C.1.3K5, PZ DSTU B V.2.7-126:2011 . As a manufacturer, the company isn't responsible for the damage caused by application, which is not in accordance with the directions. Applicability of the product for specific purposes shall be defined entirely by the consumer. Current information loses validity with the issue of a new edition.

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