



# FAST BetArch



## Thin-layer mineral plaster with architectural concrete or travertine texture

### APPLICATION

FAST BetArch is intended for making thin-layer plaster coatings imitating the texture of architectural concrete or travertine. It can be used on concrete surfaces, traditional cement and cement-lime plasters, gypsum surfaces as well as on gypsum-cardboard and fiber-cement panels inside and outside buildings.

### PROPERTIES

FAST BetArch is a gray, dry mix of high-quality Portland cement, mineral fillers and improvers. It is characterized by easy application, resistance to biological shock and high aesthetics of use.

### SUBSTRATE PREPARATION

The surface should be even, strong and dry, free from all kinds of contaminants that would reduce the adhesion of the plaster, i.e. dust, lime, grease, remains of old paint coatings, bitumens, etc. Freshly made surfaces should be properly seasoned and primed. Any unevenness and defects, depending on their scale and type, should be repaired using e.g. FAST SUPER leveling mortar or FAST ZT plastering mortar. Flaking surfaces must be strengthened with FAST GRUNT G deep-penetrating preparation to obtain the appropriate load-bearing capacity, while load-bearing surfaces, but requiring leveling of absorbency, should be primed with FAST GRUNT U. Concrete-based load-bearing surfaces do not require additional priming.

Prior to the application of FAST BetArch, each surface must be primed with FAST GRUNT M priming plaster to increase adhesion.

### PREPARATION AND USE

Pour about 7.5 liters of water per 25 kg of dry mortar into a clean container and, while stirring, pour the contents of the bag. Mix it all thoroughly with a slow-speed drill with a mixer until a homogeneous, lump-free consistency is obtained. The mortar is ready for application approx. 5 minutes after mixing and should be used up within 2 hours. During work, you should mix the prepared mass from time to time in order to homogenize the consistency.

### APPLICATION AND TEXTURING:

Before applying the proper layer of FAST BetArch plaster, it is required to pre-coat the surface with the smooth side of a stainless steel trowel on a layer with a thickness of approx. 1 mm. After it dries, i.e. after approx. 1 hour, you can start applying the proper layer. FAST BetArch plastering mass should be applied with a steel trowel with a tooth size of 4-6 mm, leveling its surface during the works until it is properly smooth, to a thickness of approx. 2 mm. Then leave the plaster prepared in this way for a period of 1 to 2 hours, depending on the ambient temperature, until it is initially dry. After this time, you can start making the concrete texture using a Venetian trowel, sponge roller or brush trowel. Then, after making the texture, the whole thing should be smoothed with a steel trowel, leaving the formed pits and honeycombs. The travertine effect is obtained by applying a trowel to the surface and tearing the applied mass with the sharp side vertically or horizontally, and

then stroking the patterns made in this way. When smoothing the surfaces, water wetting can be applied, e.g. using a hand sprayer, which leads to obtaining various shades of gray plaster and the effect of the so-called cement "burns".

To create the effect of a concrete slab, the entire surface can be divided into smaller areas using a long spirit level and, for example, a flat screwdriver, and the traces of anchors can be reflected in fresh plaster using, for example, a pipe or a plastic nut. Due to the repeatability of the motif, it is recommended that one pattern be textured by the same person in one execution cycle.

Appropriate conditions must be observed during the works. Avoid direct sunlight, precipitation, frost and strong wind. The rooms inside buildings should be ventilated in order to remove water vapor.

### PLASTER IMPREGNATION:

FAST Imprego should be applied after the initial setting of the plaster, after a period of not less than 3 days, using a brush or paint roller. It can be applied in one or two layers. In the case of areas exposed to moisture or excessive soiling and outside the building, the impregnation should be applied in two layers. Apply the second layer of impregnation not earlier than after approx. 2 hours after applying the first one.

LAST ACTUALISATION: 2022-11-28



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### TECHNICAL DATA

Base unit	kg
Base	mixture of Portland cements, mineral fillers and modifiers
Mix proportions	about 7.5 l of water for 25 kg of dry mortar
Open time of work	about 25 min
Ready-to-work time	from 1 hours to 2 hours
Substrate and ambient temperature	from +5 °C to +25 °C
Content of soluble chromium VI	no more than 0.0002 %
Layer thickness	from 1 mm to 2 mm
Fire reaction class	A1
Water vapor permeability	$\mu$ 15/35
Water absorption w24	$\geq \text{kg/m}^2 \leq 0.4 \text{ kg/m}^2$
Thermal conductivity	0.67 W/mk

### PACKAGING

FAST BETARCH	25 kg
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### NORMS

The product meets the requirements of the standard: PN-EN 998-1:2016-12 (EN 998-1:2016).

### STORAGE

Store in tightly closed packages, in dry rooms, on pallets at a temperature of +5°C to +25°C. The shelf life is 12 months.

### NOTES / ADDITIONAL COMMENTS

The scope of the product application recommended and specified in the product sheet or the manner of its execution does not release the contractor from carrying out works in accordance with the construction practice and health and safety rules. P.W. FAST guarantees and is responsible for the quality of the product, but has no influence on the method of its application and the conditions in which it was applied.

All the technical data were measured under normal conditions, i.e. temp. +20°C and air humidity 60%. Under conditions other than the above, the drying time may change, i.e. it may be extended or shortened.

### WARNING

While working, avoid direct contact with the skin and protect the eyes. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice. Rinse soiled skin immediately with plenty of water.

Keep away from children.