

# ACRYLIC PLASTER

## FOVEO TECH TA 11 ACRYLIC PLASTER

**FOVEO TECH**  
Profesjonalne produkty elewacyjne



### FOVEO TECH TA 11 ACRYLIC PLASTER

#### Core features:

- very good application and finishing
- excellent adhesion
- high resistance to biological hazards
- resistance to deformation
- high resistance to dirt
- long lasting coat
- long lasting and vivid colours
- a wide range of colours

### PRODUCT DESCRIPTION

A plaster manufactured on the basis of acrylic dispersion, fillers and marble aggregate. Contains refining agents and special wax resin preventing the substrate texture from moisture penetration as well as facilitating plaster application. Ready-to-use plaster compound intended for manual or spray performance of thin-layer, decorative plasters within insulation systems, as well as new and refurbished interior and exterior mineral substrates. Contains biocidal agents which prevent fungi, moulds and algae from development on plaster surface.

### USE (purpose)

Ready-to-use plaster compound intended for manual or spraying performance of thin-layer, decorative plasters within an External Thermal Insulation Composite System (BSO) FOVEO TECH S. Can be used on new and refurbished interior and exterior mineral substrates. Contains biocidal agents which prevent fungi, moulds and algae from development on plaster surface.

### PRODUCT PROPERTIES

Volumetric density approx. 1,85 g/cm<sup>3</sup>

Open time to 15 minutes

Application and substrate temperature from +10°C to +25°C

\*Technical data and information on application manner are provided for temperature +20°C and relative air humidity 60%.

### APPLICATION

#### SUBSTRATE PREPARATION:

The substrate must be even, dry, solid, dust and dirt free as well as free from any biological (fungi, moulds, mosses) and chemical aggression etc. All sorts of dirt must be removed by using water under high pressure. Old plasters and paint coats with poor adhesion must be removed. Fill in holes with Adhesive Mortar KS 10, KS 20 or KU 11, KU 21 (max. to 6.0 mm in one coat) or a regular plaster mortar. In order to reinforce substrates with poor adhesive properties, highly absorptive or chalky (i.e. leaving dust traces after palm rubbing), it's necessary to apply Acrylic Primer GA 10. If necessary, smooth the surface with Adhesive Mortar KU 11 or KU 21. New cement or cement and lime plasters must be painted minimum 28 days after application whereas concrete after 3 months, within the insulation system the reinforced coat must be seasoned min. 3 days. All substrates must be stabilized as far as moisture is concerned and the curing process completed. Before plaster application the surface must be primed by Undercoat/Primer PA 10, (colour as close to the plaster colour as possible).

#### APPLICATION:

Before use the whole content of the bag must be mixed carefully by taking advantage of a slow-speed agitator (driller) till obtaining a uniform consistency. If necessary, add a small amount of water (up to 1,5%). During spraying application the maximum water content should be up to 100 ml/25kg of plaster. The amount of water added should be the same for each container. An addition of water may contribute to change of plaster properties and its colour. Do not interfere with compound content by adding cement, sand or other components.

**In the event of manual application** the plaster must be applied by stainless steel trowel and spread till obtaining a coat of grain thickness. Within 15 minutes after application it's necessary to carry out a desirable effect by a plastic trowel: so called 'sheep fleece texture' - by circular movements, whereas 'bark beetle texture' - vertical, horizontal and circular movements, depending on desirable system of cracks. Do not use water during smoothening. The excessive material can be used subsequently after mixing.

Only sheep fleece texture plaster can be used in the event of spraying method, grain thickness between 1,5 mm and 3 mm. Consequently, it's necessary to use a spraying kit recommended by the manufacturer in accordance with the following parameters: plaster of 1,5 mm thickness - nozzle no. 2 (5,5mm), plaster of 2mm thickness - nozzle no. 3 (6,5mm), plasters of 2,5 mm and 3 mm - nozzle no. 4 (7 mm). Recommended unit pressure: 3,5 – 4 bar. The plaster stream must be sprayed perpendicularly 25 cm from the wall. The gun must be operated steadily on the whole surface of the wall. In order to avoid discolouration it's necessary to apply the plaster which holds the same batch number (**expiry date and batch number on the container**). Plasters which hold different batch numbers must be mixed before use. Work intervals must be scheduled beforehand (e.g. after work completion in corners and bends, under drain pipes, colour contacts etc.). Detailed information about the product can be found in Technical Data Sheet.

#### OMMENTS/RECOMMENDATIONS:

Use at the substrate and ambient temperature between +5°C and +25°C. Do not apply on hot substrate. During plaster application and drying it's necessary to avoid direct sunlight, strong wind and rain. Protect the plaster applied till complete curing by applying a foil or a thick protective mesh. Substrate and ambient temperature during application and over the course of 48 hours must not be lower than +5°C. Low temperature and high air humidity can extend the drying time.

Clean the tools with water immediately after application. Fresh plaster dirt can be washed by water, whereas cured plaster remains can be removed mechanically only. The plaster obtains its full strength properties 28 days after application.

In case of interior application the area must be ventilated until the odour vanishes.

Plaster application within insulation systems of dark and intense colours (at light reflectance value (LRV) below 20%) should not exceed 10% of the surface plastered.

Before commencing to perform the elevation it's necessary to carry out a compliance test of ordered texture and colour on a small surface.

Any suggestions regarding substandard features of the plaster and its colour must be reported immediately to the seller. Works must be carried out in accordance with principle construction rules, standards and HSE regulations. In the event of combining the product with other products, FFIL Śnieżka SA shall not bear any responsibility.

The purpose of the information herein is to provide optimal performance as regards plaster application. The manufacturer shall not be liable for any damages resulting from inappropriate use or purpose of the product, since weather conditions during application are beyond its control.

## BEST BEFORE DATE

18 months from the date of manufacture

## CONTAINERS

25 kg

## EFFICIENCY

An average consumption depends on substrate preparation:

Grain thickness	Hand Application	Mechanical Application
	Bark beetle/ Sheep fleece	Sheep fleece
approx. 1,5 mm	2,0 – 2,5 kg/m <sup>2</sup>	2,0 – 2,2 kg/m <sup>2</sup>
approx. 2,0 mm	2,7 – 3,0 kg/m <sup>2</sup>	2,3 – 2,5 kg/m <sup>2</sup>
approx. 2,5 mm	3,3 – 3,7 kg/m <sup>2</sup>	2,6 – 3,0 kg/m <sup>2</sup>
approx. 3,0 mm	4,1 – 4,6 kg/m <sup>2</sup>	3,1 – 3,3 kg/m <sup>2</sup>

## COLOURS

318 colours

## STANDARDS, TESTS AND CERTIFICATES

FOVEO TECH TA 11 ACRYLIC PLASTER

External renders and internal plasters based on organic binders

Outdoor and indoor plaster mix with organic binders, from serial production, water-thinnable, for outdoor and indoor walls, pillars and partitions

Water vapour permeability:  $V_2$

Water absorption:  $W_2$

Adhesion: 0,3 MPa

Thermal conductivity:  $\lambda_{10,dry}$  0,83 W/m · K (tabular value)

Reaction to fire: Class A2-s1, d0

The product comprises a set of products for external wall insulation of buildings by taking advantage of FOVEO TECH S System covered by European Technical Assessment ETA 15/0022; ETAG 004:2013.

Declaration of performances No 22/FTS/2015.

## FIRE AND HSE RECOMMENDATIONS

## ATTENTION!

The information included in the technical data sheet is to provide an efficient use of the product, however, it cannot form grounds for the manufacturer's liability, since the performance conditions are beyond its control. It's forbidden to make any adjustments to the product's formula, which can significantly decrease the properties of the used material. In the event of combining the product with other products, the manufacturer shall not bear any responsibility. All the information above is given in good faith, based on current knowledge and experience. The manufacturer reserves the right to amend the content of subsequent editions without the obligation to inform its customers.