

ADINGFAS Z

*Decorative, cement- polymer based mortar with scratched structure (2mm)
Compliant to EN 998-1*

FILED OF APLICATION

Adingfas Z is mineral mortar used for decorative and protective final coating for concrete, mortar, flattered indoor wall surfaces.

PROPERTIES

- one component product;
- vapor permeable;
- resistant to mould;
- excellent cover layer;
- excellent adhesion to the substrate;
- simple application;
- worth for money;
- white.

TECHNICAL FEATURES

PROPERTY	METHOD	DECLARED VALUE
Appearance	-	white mortar
Compressive strenght on 28 days	EN 1015-11	CS II - 1,5-5Nmm ²
Vapor permeability	EN 1015-19	$\mu \leq 15$
Thermal conductivity	EN 1756	$\lambda = 0,41$ W/Mk, P=50% $\lambda = 0,47$ W/Mk, P=70%
Drying time on 20°C, relative air humidity of 65%	-	touch dry after 6-8h dry after 24h

METHOD STATEMENT

SUBSTRATE PREPARATION

The substrate should be sound, dry, clean, flat, without grease and dust, without labile parts, oil stains, salts and with fine final texture.

New substrate

Mortar substrate is recommended to have fine final structure. Uneven surfaces would make the application complicated and the intended structure of the surface would not have the declared effect. New mortars and facade levelling compounds in normal conditions, on 20°C and relative air humidity of 65% should set at least one day for each mm of the thickness.

Old substrate

Remove all labile parts and old coatings off the old substrate. Existing damages should be repaired using suitable materials and the positions should be levelled with the surrounding surface. Before the application clean the substrate and remove the dust.

APPLICATION

Before the application of the decorative mortar, it is recommended to prime the surface using "structural" primer Hidrofas Grund. Apply Hidrofas Grund using brush, roller or by spraying in one layer. Apply Adingfas Z on 20°C with relative air humidity up to 65% 12h after the application of Hidrofas Grund. The temperature of the substrate should be between 10°C and 35°C and the relative air humidity less than 50-60%.

Prepare Adingfas Z with water and mix it with slow mixer until it homogenizes. Leave the mixture still for 5min and mix it again right before the application. Apply it using flat metal trowel and treat it in 10min after the application using plastic trowel. Scratching of the surface can be horizontal, vertical or circular. Pot life of the product is 30min. In case the applied surface has protrusions that has been result from the application, it is necessary to press these positions and scratch them carefully with light movements using steel trowel. Protect treated surfaces from sun, wind and dust 24h after the application.

The surfaces treated with Adingfas Z can be impregnated with Fasil V or can be painted with dispersive color.

CONSUMPTION

Hidrofas Grund- 0.2-0.25 kg/m²

Adingfas Z- 3.0-3.5 kg/m²

CLEANING

Clean tools and equipment with water right after use.

PACKAGING

Hidrofas Grund- plastic cans 5 and 20kg

Adingfas Z- paper bag 25kg

STORAGE

In original, closed packaging, in dry rooms. Shelf life: 12 months.

Health hazards: Avoid contact of the product with skin (use protective gloves). Material is not toxic, but in case of accidental contact of the product with skin, immediately remove it using soap and water. In case it splashes into eyes, immediately rinse them using plenty of water and seek for medical help.

Fire: Adingfas Z is not flammable.

Cleaning and storage: Clean loose residues of Adingfas Z with water. Old and used packaging should be disposed in accordance with the local rules and regulations for that type of waste. It is recommended to adjust the method of application and necessary quantities according to the potential of the building, as well as mandatory use of appropriate equipment.