

GRANITPLAST

Granite decorative façade

CHARACTERISTICS

GRANITPLAST is granite decorative façade used for superficial protection and decoration of exterior façade walls in smooth structure. It is suitable for all surfaces that are more burdened and exposed. GRANITPLAST is used for decoration of smaller wall surfaces (plinths, anterooms, pillars etc.) and not entire façade surfaces.

Its features are good adherence and high level of wear resistance.

It is available in 21 colour in Colorit colour palette, in two granulations: small (0.8-1.2 mm) and big (1.2-1.8 mm). It is used as finishing layer to various substrates: cement, cement-lime and gypsum, treated by masses for flattening, untreated concretes as well as gypsum-cardboard boards.

COMPOSITION

Polymer binder, natural marble grain, thickener, additives and water.

TECHNICAL CHARACTERISTICS

Parameter	Value
Contents of non-volatile substances (EN ISO 3251)	≈76,17 %
Water absorption (EN 1062-3)	W1 (>0.5 kg/m ² · h ^{0.5})
Vapor permeability (EN ISO 7783-2)	V1 (>150 g/m ² · d)
Adherence (EN ISO 4624)	> 0.3 N/mm ²
Thermal permeability (EN 1754)	≈0.88 W/m · K
Fire reaction (EN 13501-1)	Class C

SUBSTRATE PRAPARATION

Substrate needs to be hard, dry, free of dust, grease and other impurities.

Cement and cement-lime mortars should dry minimum 1 day for each mm of thickness (T=20°C, rel. humidity 65%), and concrete surfaces should dry at least a month.

Uneven surfaces should be flatted.

It is recommended to wash it with hot water flush or vapor in order to clean it additionally.

Surfaces contaminated by algae and fungi should be rehabilitated before application of façade (entire wall surface needs to be treated by ALGOSTOP, not only locations with algae and fungi).

Before application of GRANITPLAST, wall is to be treated by primer PODLOGA UNIVERSAL in similar GRANITPLAST color. Product PODLOGA KVARC is recommended for smooth concrete surfaces. Primers are binding connection between substrate and used material creating stronger connection and decreasing consumption of the same.





APPLICATION

Before use of GRANITPLAST, mass needs to be mixed by electric mixer. If necessary, dilute it with max. 1% of water (max 250 ml for 25 kg). Application is performed by rust proof float, even in thickness approx. 2.3 mm for big grain (1.8 mm) and approx. 1.6 mm for small grain (1.2 mm).

As soon as material is applied, it should be flattened and smoothed by rust proof float so there are no gaps among grains. Smoothing is always done in the same direction. During work, tools should be cleaned from time to time. Optimum air and wall temperature for work and drying is from +10°C to +25°C, relative air humidity less than 80%. Use protective curtains during application of material. Avoid working in rain, fog or direct sunlight. Wash tools with water immediately after use. GRANITPLAST is not recommended for protection of horizontal and tire treads, as well as application on the surfaces not protected by appropriate hangovers.

Note: Application and drying of GRANITPLAST in lower temperatures could cause film problems (dispersion, insufficient strength, occurrence of light-dark spots etc.). If GRANITPLAST is applied and dried in higher temperatures, or direct sunlight, it could result in micro-cracks causing faster damage, i.e. shorter façade lifetime. In such a case, material has a shorter work time and it is more difficult to apply it (connections are differentiated etc.).

CONSUMPTION

Grain 1.2 mm	≈ 3.5 kg/m ²
Grain 1.8 mm	≈ 4.5 kg/m ²

PACKAGE

Plastic bin 15 kg; 25 kg

LIFETIME

18 months in original, well-sealed and undamaged package.

WASTE TREATMENT

Pursuant to the Law on waste management ("Official Gazette of the Republic of Srpska", number 111/13 and 106/15), Rulebook on waste categories, tests and classification ("Official Gazette of the Republic of Srpska", no. 19/15), granite decorative façade is classified as waste with the following classification number

08 01 12 (waste paint and varnish different from those stated in 08 01 11)

Contaminated waste should be delivered to waste management authority.

LABELLING

Pursuant to Regulation (EC) No. 1272/2008 classification, labeling and packaging of substances and mixtures, product is not classified as hazardous.

Information on emissions of volatile organic compounds:

VOC: A(c), 40 g/l; Product contains max. 40 g/l





TECHNICAL DATA SHEET TL.C.14.01

Date of issue: January 6, 2016

Supplemental hazard information:

EUH208- Contains (Mixture 5-Chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (EC: mixture; CAS: 55965-84-9)). May produce allergic reaction

Hazard statements:

Precautionary statements:

P102 – Keep out of reach of children

P103 - Read label before use

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 – Disposal of contents /container in accordance with local/ national/regional/international regulations.

STORAGE

Store it in dry and dark rooms in temperature from +5°C to +25°C.

Protect from direct sunlight.

Do not allow to freeze!

QUALITY CONTROL

Parameters of the product quality are defined pursuant to internal product specifications. Achieving declared values is ensured by integrated system of quality management ISO 9001. Verification of declared and limit values are achieved through tests in certified laboratories. Significant importance is paid to protection of environment through integrated system of quality of environmental management ISO 14001.

OTHER INFORMATION

Different batches of different production date could be different from colour palette due to natural origin raw materials. In order to avoid differences, we need to perform equalization and mix all cans in a vessel big enough to acquire the same nuance on entire surface. Aforementioned discrepancies are not considered to be lacks and cannot be subject to complaints.

If a larger part of whole of amount of material is applied, in the reference to aforementioned, complaint is not possible.

It is understood that contractor is aware of product characteristics and the way of its application.

Company Colorit doo shall not assume the damage caused due to contractor's unprofessionalism, wrong application or wrong choice of product for given purpose.

Technical Data Sheet is meant for guideline in order to achieve the best results in application only.

Read safety data sheet before use of product.

