

6.1 Spackling-repairing pastes & drywall construction reinforcement

DUROSTICK GRANULAR ULTRA Resin & fiber reinforced cementitious paste (for leveling surface defects up to 15mm/coat)



TECHNICAL SPECIFICATIONS (Measurement conditions 20 °C and 65% R.H.)

Form - Color	Cementitious mortar - White
Toxic	No
Bulk density of dry mortar	1.30±0.05 kg/lit
Bulk density of fresh mortar	1.65±0.05 kg/lit
Maximum grain size	0.60 mm
Water requirement	5.8 lt water in 20 kg mortar/paste
Application temperature	From +5 °C to +35 °C
Temperature resistance	From -30 °C to +80 °C
Maximum application thickness	15 mm/coat
Recoating time	After 4 hours
Pot life	4 hours

MECHANICAL STRENGTHS

Strength after 28 days, per EN 1015-11, to:	
• flexion	2.20±0.50 N/mm ²
• compression	5.00±1.00 N/mm ²
Adhesive strength after 28 days, per EN 1015-12:	
	≥0.60 N/mm ²
Capillary water absorption (c) per EN 1015-18	
	0.90 kg/m ² .min ^{0.5}

CONSUMPTION

Approximately 1.4kg/m²/mm thick coat.

STORAGE

Store in the factory sealed packages, in dry and shaded places for at least 12 months from production date.

SAFETY DIRECTIONS

The product contains Portland cement. Before use, refer to the cautions on the product packaging or the Material Safety Data Sheet.

NOTES

- Protect the product while it is still fresh from rain and frost.
- After hardening, the product is harmless to health and the environment.

PACKAGING

Paper bag of 20kg on 1,200kg pallet

PROPERTIES

White cementitious, fine grained polymer filler/paste with high coverage, for indoor and outdoor surfaces. Just add water to create an easy to use paste that does not shrink.

Classified GP: CS II/W0 per EN 998-1.

APPLICATIONS

GRANULAR ULTRA of DUROSTICK is suitable and recommended for skimming all construction surfaces made of concrete, aircrete and plastered, or else, surfaces.

It covers every surface defect, even on painted walls and ceilings.

With one to two coats, 1-15mm each one, create a smooth surface, which is sandable (using sandpaper or sanding block), primed and painted the very same day.

Smooth out and level all wall and ceiling surfaces coated with textured paint and even surfaces coated with textured plaster.

ADVANTAGES

- When applied on concrete or plaster, it creates a ready to paint, smooth finish surface.
- High mechanical strengths.
- Highly resilient to moisture and adverse weather conditions.
- It does not require any improving additives or emulsions.
- High bonding strength on every construction surface, even on previously painted but stable surfaces.
- Quick and easy application.
- Exceptional layering/filling, quick drying and easy to sand.
- Does not burst or 'sag' at thickness-

es of up to 15mm per coat.

- Unique surface strength and resiliency.
- Allows for the breathability (breathing) of the substrate.

USE

1. Surface preparation

To ensure proper adhesion of the product, surfaces have to be thoroughly cleaned and free from loose materials and dust.

Any formwork oils that may exist have to be removed with the biodegradable detergent for oils, BIOCLEAN INDUSTRIAL.

Avoid applying the product when the ambient or surface temperatures exceed 35 °C.

Soak thoroughly, especially outdoor surfaces to ensure excellent adhesion conditions and eliminate the risk of early dehydration of the product that could result in the reduction of its strength.

2. Application

Empty 20kg of the mortar in a clean container with 5.8 - 6.0lt of water. Mix using a low rpm electric mixer, until a lump free, homogeneous paste is produced.

Allow for the mixture to mature for 10 minutes, and mix periodically during use without adding any water. Apply using a large or smaller spackling/taping knife, a gauging trowel or a plastering/injection machine.

CLEANING

Clean all tools with water, immediately after use.

Color it by adding the pigments in powder form, DUROCOLOR POWDER-C in 96 colors



HELPFUL TIPS - NOTES:

- The coloring of GRANULAR ULTRA, with the addition of the pigments in powder form, DUROCOLOR POWDER-C (available in 96 color chart colors), provides the unique ability to check the evenness of the surfaces and the correction of all defects prior to painting. The final result reduces the requirement for multiple coats of paint, especially for darker colors. In this way, it reduces both product and labor costs.
- Its great, per coat, coverage eliminates the need for surface plastering. Smooth and even out plastered surfaces presenting technical flaws and defects, noticeably obvious when darker colors are applied on them, with excellent results.
- When looking for 'velvety' smooth finish, skim coat the next day all the coated surfaces using the acrylic, ultrafine skimming paste, STUCOFIX-P of DUROSTICK.