

	TECHNICAL CHART no. 163		
	Commercial name	<b>FASSADEN GRUND</b> <b>Structured primer for plaster</b>	
Valid starting	23.01.2014		
Version 1	Review	1	

### 1. General and typical use

- Specially pigmented structured primer, with matt aspect, used for reducing the absorbability of mineral surfaces and as intermediate basic layer and adherence before applying decorative plaster;
- It is based on synthetic resin in watery dispersion and fine quartz sand;
- Pasty, homogeneous mass aspect;
- Available in thousand colors by computerized shading on coloring equipment using formulas and coloring pigments exclusively from DEUTEK S.A. ;
- May be applied on any mineral base surface such as: regular lime-cement plaster, cement-lime, plaster, concrete, gypsum boards – board and on old paint resistant to friction and tear.

### 2. Main characteristic elements:

- Special adherence to support, good drying time;
- The layer is permeable to water vapors and waterproof; resistant to scratches, mechanical shock, alkaline solutions, temperature variations, weather and industrial gas.

### 3. Technical characteristics.

Product aspect:	viscous, homogenous paste
pH	8.0 – 9.0
Brookfield viscosity (20°C rotor 14, speed 8)	5.5 – 6.5
Layer aspect	matt, layered

### 4. Application instructions.

Indicated basic surfaces: all dried, clean, resistant, even and without dislevelment surfaces. If there are metal elements embedded in the surface that is going to be plastered, there must be applied the DEUTEK Metal primer first (anti-corrosion protection paint). Before application, it is mandatory to finish the preceding works (overhangs, cornices, hydro-insulation, grooves, elements for water temporary removal, jamb protection, attic closing, gas and electricity switchgear boxes, sidewalks). Before using the content in the container, mix very well.

No.	Basic surface (support)	Surface preparation	Priming the surface
1.	Cement-lime, lime-cement plaster	Clean of dust and dirt. New plaster must be dried (approx. 3 weeks from the making). On old plaster, repaired area must be also dried. On coarsely finished plaster or those uneven, depending on the situation, it is recommended to apply a binder to allow a leveled coverage by smoothing	A layer of FASSADEN GRUND, colored in a shade similar to the plaster
2.	Façade thermal insulating systems	Clean of dust and dirt. If the surface is irregular, they will be removed through polishing the surface	A layer of FASSADEN GRUND, colored in a shade similar to the plaster
3.	Gypsum-board plates	Clean of dust and dirt	A layer of FASSADEN GRUND, colored in a shade similar to the plaster
4.	Existent dispersion painting resistant to tear and friction	An adherence test is made prior with FASSADEN GRUND. The surface is polished if needed. Clean of dust and dirt thoroughly. If the surface is coarsely finished, depending on the situation, it is recommended to apply a mineral putty improved with synthetic additions to obtain	A layer of FASSADEN GRUND, colored in a shade similar to the plaster

		an even coverage by smoothing	
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## 5. Method of application.

- Apply undiluted, even, with the roll (roller) or lime brush ;
- Do not apply on very fragile surfaces (e.g. existing clay, lime plaster, lime painting);
- Do not apply under less than 2 hours after the rain stops (under temperature conditions allowing the surface to dry)
- No application under conditions of: very high temperatures under direct sunlight, strong wind, fog, humidity over 80% and rain and frost hazard;
- Under high and very high temperatures it is mandatory to apply the primer on the side of the façade that is not under direct sunlight;
- Minimum temperature: + 5°C for the basic surface and environment, both on the application and during the dry/hardening process;
- Cleaning of the tools is done with water or water and detergent immediately after use.

## 6. Average specific consumption:

approx. 0.200 – 0.350 kg/m<sup>2</sup>, depending on the nature of the desired support and structure. The exact amount of the specific consumption will be determined following a test on the spot.

## 7. Drying time

At 20 °C and 65% relative air humidity;

- FASSADEN GRUND: 12 hours ;

At low temperatures and/or higher humidity, a longer drying time is needed. The primer must be protected from the rain max. 24 hours after the application (depending on the temperature).

## 8. Packing

Plastic containers, air-tight closed, labeled, with a net weight of 25 kg.

**9. Storage:** In dry place at temperatures in between + 5° C and + 30°C.

**10. The validity period** is 24 months after the manufacturing date, on the condition of complying with the provisions for packing and storage.

## 11. Waste discharge

Product must be discharged according to legal regulations regarding the waste discharge method. The paint left is discharged only in a dry condition, being non-toxic residues treated according to the law.

## 12. COV ready to use

COV UE limit g/l:catA/g:30(2010)

COV Product, max. g/l: 30 product ready to use