

**DESCRIPTION**

**DECORA DIAMOND FLOOR** is a single-component decorative plaster based on modified PU resins in aqueous emulsion, controlled grain size aggregates, ideal for decorating and remodeling interior walls and floors, countertops.

**DECORA DIAMOND FLOOR** grants an outstanding mechanical resistance (even with low thickness), along with a good elasticity and extraordinary water resistance.

**DECORA DIAMOND FLOOR** is suitable with any architectural style, modern or minimal, classic or industrial, and can be applied on interior masonry, concrete and tiled surfaces, both on horizontal and vertical surfaces.

**DECORA FLOOR RESIN SYSTEM** is composed by:

**DOC PRIMER - DECORA ONE PRIMER**

**DECORA FLOOR LEVEL - DECORA DIAMOND FLOOR**

**DECORA DIAMOND SEALER**

**SURFACE PREPARATION**

General recommendation is to apply on clean and well-seasoned surfaces, dust- oil- and humidity-free.

SURFACE	PREPARATION TIPS
Concrete	Brush or Roller + 1 coat of <b>DOC PRIMER</b>
Ceramic, marble, Grenade and tile surface	Brush or Roller + 1 coat of <b>ONE PRIMER</b>
Concrete irregular surface	Brush or Roller + 1 coat of <b>DOC PRIMER</b> + 2 coats of <b>DECORA FLOOR LEVEL</b> to even the surface (Fiber mash if needed)
Uneven and uncoherent floor (ceramic, stoneware, with leaks)	Brush or Roller + 1 coat of <b>ONE PRIMER</b> + 2 coats of <b>DECORA FLOOR LEVEL</b> to even the surface (Fiber mash if needed)

**APPLICATION**

**DECORA DIAMOND FLOOR** is a ready-to-use single component decorative resin. It is available in white base color (**BIANCO**). Can be tinted in wide range of colours.

**FIRST COAT**

Consumption: approx. 0.5 - 0.6 kg/m<sup>2</sup>

Apply **DECORA DIAMOND FLOOR** with stainless steel trowel all over the area and shave to obtain a smooth surface. (if needed maximum 2% of water)

**SECOND COAT**

Consumption: approx. 0.5 - 0.6 kg/m<sup>2</sup>

Once the first coat is completely dry (2-3 hours according to environmental temperature), apply a second and final coat of **DECORA DIAMOND FLOOR** to create the desired effect, and then smooth the surface with a stainless steel trowel.

**FINISHING AND PROTECTION**

Once the surface is completely dry (8 hours according to the environmental temperature) apply 2 coats of **DECORA DIAMOND SEALER**. Check relevant MTDS for detail.

Protect the finished surface for at least 24 hours. Maximum hardness and resistance reached after 5-7 days.

**ENVIRONMENTAL CONDITIONS**

During application, the environmental temperature has to be between +5°C and +35°C (+41°F and +95°F) while relative humidity has to be less than 85%, even after 24 hours after application. **NOT RECOMMENDED IN PRESENCE OF STRONG RISING OR PERMANENT HUMIDITY.**

**STORAGE**

**DECORA DIAMOND FLOOR** maintains its properties in storage for 12 months if protected from excessive heat and cold.

Storage temperature must be between +5°C and +35°C.

**KEEP FROM FREEZING.**

**SAFETY GUIDELINES**

Avoid contact with skin and eyes. If contact occurs, rinse thoroughly with water. For further information, consult the MSDS.

**DISPOSAL**

The material has to be disposed in agreement with local regulation. Empty plastic containers are recyclable or to be sent to recycling plants.

**DECORA DIAMOND FLOOR TECHNICAL TABLE**

Aspect	matte paste
Packaging	20kg – 44.09lb
Application tools	stainless steel
Specific weight	1.45 ± 0.05 Kg/l
Theoretical yield	approx. 1-1.2kg/m <sup>2</sup> in 2 coats
Volumetric dry residue	74 ± 2%
Viscosity @ 25°C	12000 ± 3000 Cpa.s
Coating thickness	0.80 - 1.00 mm
Touch dry	2-3 hours at 20°C temperature
Dry to handle	18-24 hours at 20°C temperature
Hardening time	12-18 hours
Dry to recoat	12 hours at 20°C temperature
Max time to recoat	10 days
Adhesion on concrete	After 7 days: MPA>2.5-3.2 (as per UNI 8298-1)
Bending resistance	After 28 days: MPA>3.5±2 (as per EN1015-11)
Compression resistance	After 28 days: MPA>50±2 (as per EN1015-11)
VOC	12g/l max value UE2010: 30g/l
HS CODE	3209.90.00

The information provided is based on our experience and technical and scientific knowledge; nonetheless, we may not be held liable for the results obtained using these products, as application conditions are beyond our control. It is recommended to always make sure that the product is suited to each specific use.