

01 DESCRIPTION

The SURFAZO is a "TERRAZZO" or "GRANITO", decorative sanded mortar consisting of an epoxy resin binder and a miscellaneous crushed aggregates for continuous design flooring, resistant and easy to clean.

Designed for classified site no more than U₄ - P₄E_{2/3} C₁

Three components: A-Epoxy resin / B-Hardener / C-Aggregates

The thickness of the flooring will change according to the aggregates sizing:

Aggregates from 0 à 4 mm.....	thickness 8 mm
Aggregates from 0 à 6 mm.....	thickness 10 mm
Aggregates from 0 à 8 mm.....	thickness 12 mm

02 MODE OF APPLICATION

- + Temperature > 10°C.
- + Apply SURFAPRIM TR or SURFAPRIM C primer to a thin or smoothed dry floated substrate, sound and free dust (shotblasting, planed or bush hammering); planimetry 6 mm/ 2 meter, adhesion coefficient > 1.5 MPa;
- + On a sticky primar and after a blender mixing of components (A, B et C), implementation of the SURFAZO mortar on guides that determine the required thickness (8 to 12 mm),
- + Soft floating on the surface.
- + Drying time: a min. of 24 hours are necessary before sanding.
- + Several passes of sanding will be done with stony grindstones or diamond according to the required grain of surface (soft to high gloss)
- + A finish resin type SURFANET will be applied 15 days after the pouring and the cleaning of the site to ease the maintenance, or a crystallization of the surface will be completed.
- + A protection will be applied on the SURFAZO for the working time.

03 CHARACTERICS

No dust emission,	Emission of COV: class A+ (Low content) (CSTB report SB-12-141),
Apply the SURFAZO on miscellaneous substrates without requiring demolition (c/f DTA),	Stain and chemical products resistance (NF EN 13529 and NF EN 423): very few or barely sensitive (CSTB 2019 test),
A mechanical preparation and an appropriate primar are required to apply on tiles or stone or concrete coating,	Impact resistance (Adapted NF ISO 6272): no degradation (CSTB 2019 test),
Fire Classification: B _f s1 (CSBT report no RA19-0076 dated on 2019-04-09),	Rolling wear test (NF P 11-101: 2016): no degradation (CSTB 2019 test),
Taber Abrasion (CSTB 2019 tests): resistance > 2500 cycles,	Thermal conductivity: suitable to the requirements of the radiant floor heating (CSTB 2019 test),
Thickness: variable according to the aggregates size see "DESCRIPTION" section,	Ability to get granito or stone finish.
Finish: fine sanding or high gloss,	
Inclusion of alu, brass, glass or pearl available,	

04 DOMAIN OF APPLICATION

- + Any decorative floor exposed to pedestrian passage, luggage carts, bucket, forklift...

Examples : airport lounge, train station, exhibition hall, building and store entrances, hospital...

05 PACKAGING

- + Resin: kit (A+ B) 15 kg
- + Aggregates + binder: sacks depending on thicknesses and formulation

06 CONSOMPTION

- + Area density (±) 15 = 1,810 kg/m²/mm

07 COLOURING

Compositions and colourings of SURFAZO floors are unlimited due to a miscellaneous combination of resin colours and a mix of decorative aggregates.

Samples are provided for guidance, but they can in no way be considered to be reference colours binding upon the company LES DURCISSEURS FRANÇAIS.

08 HEALTH AND SAFETY

Keep packaging tightly closed,
Store in a well-ventilated place, temperature > 10°C,
Take the normal precautions for handling a chemical,
Epoxy resin: may have a sensitising effect on the body,

Special hardener: dangerous compound, Aliphatic Polyamine,
Wear gloves and goggles during application,
Do not eat, drink or smoke during application,
Avoid inhalation of fumes.

NB: Safety data sheets are available to each of the components.

EC : EN 13813

LIABILITY CLAUSE

The information contained in this leaflet is provided for guidance based on our knowledge. It does not constitute a waiver of our terms and conditions of sale and shall in no event imply any warranty by us or render us liable with regard to the use of our products. For each project, a study should be jointly conducted with us.

The choice of the thickness of SURFAZO to be applied must take into account the quality of the substrate, and the required finish and performance.