

## Technical data sheet

### Concrazzo

**Concrazzo** is a mortar to realise floors, especially terrazzo style.

#### **Definition**

**Concrazzo** is a mortar with very high performances, based on hydraulic white cement, micro-aggregates and additives.

#### **Field of application**

**Concrazzo** is a mortar designed to realise terrazzo, granito and other decorative floors, in hard mechanical and environmental conditions.

**Concrazzo** can't be considered as having any structural properties and has to be used on wholesome, stable and load-bearing support.

*Compressive strength (28 days) : 120 MPa*

*Flexural strength (28 days) : 12 MPa*

*Modulus of elasticity : 50,000 Mpa*

*Shrinkage : from 0.5 to 1 mm/m*

*Density : 2.2*

#### **Technical datas**

- Compressive strength (28 days) : 80 Mpa
- Flexural strength (28 days) : 8 Mpa
- Modulus of elasticity(28 days) : 35 Gpa
- Shrinkage (28 days) : 1 mm/m
- Final density : 2,3

NB : these values are given for information. Practical values depend on conditions of application.

#### **Advantages**

**Concrazzo** is a mineral mortar, completely free of organic binder or resin.

Its high mechanical performances, its self-leveling properties and its low shrinkage rate are the

main characteristics of **Concrazzo**.

Its easiness of implementation on site gives it a great freedom of use. Self leveling, the product doesn't need vibrations.

Thanks to the smallness of its aggregates and the use of natural pigments, a large range of textures, aspects and colors can be obtained.

**Concrazzo** can be delivered pre-mixed at the desired color. Feel free to ask us bespoke color.

It can also be delivered with aggregates premixed.

Its specific formula minimizes bubble issues.

### ***Implementation on site***

**Concrazzo** can be implemented on site with a cement mixer or blender.

The ratio of water is 14 %, excluding water demand for pigments or aggregates.

In cement mixer, mixing time has to be more than 10 mn.

Large aggregates are preferably added after a homogeneous paste is obtained. Do not add more than 1 volume of aggregates for 1 volume of **Concrazzo**.

If necessary, some water can then be added to compensate absorption of the aggregates.

Sanding can typically be done after 48 hours. A convenience test has to be done.

After full setting and drying, **Concrazzo** will receive a surface protection to improve its resistance to staining and wearing.

### ***Consumption***

Product alone : 22 kg/m<sup>2</sup>/cm of thickness

### ***Preservation and conditioning***

6 months, away from humidity in a dry and clean storage room (in the original lined paper bags, on pallets with streamers).