

High solid self-levelling decorative epoxy resin.

CHARACTERISTICS:

CREATIVO® RESINA is a gloss, self-levelling, high solid, two-component epoxy resin for the realization of decorative flooring through the casting technique.

CREATIVO® RESINA can turn floors into high-end seamless surfaces with an innovative design. With **CREATIVO® RESINA** it is possible to customize the finishes using conventional pigments, decorative paint, or by embedding objects, pictures, prints, etc.

USE:

CREATIVO® RESINA is ideal for decoration of public venues, shops, cafés and bars, hotels and private houses. With previous preparation, **CREATIVO® RESINA** can be applied on ceramic surfaces, cement screeds, fibre cement, epoxy and polyurethane coatings. By protecting **CREATIVO® RESINA** with **CREATIVO® TOP**, the product can be applied in all areas where **HACCP** certification is required, to be used in high hygiene environments such as food rooms or where elevated mechanical resistance is required due to the high traffic.

SURFACE PREPARATION:

Surfaces need to be compact, sound, dry, solid, clean, free from dust, grease, oil, waxes, sealers, silicone compounds or any other item that might affect adhesion of the system. Old paint, not perfectly compact and adherent to the substrate, needs to be removed.

Missing parts, holes, cracks or damages, need to be repaired with specific restoration mortars. The repaired areas should be cured correctly according to the nature of the thickness and product applied.

In case the substrate is not solid, sound and compact, a consolidating coat of **CREATIVO® PRIMER** should be applied. Level the surface with **CREATIVO® BARRIERA**.

APPLICATION:

All remaining traces of dust must be removed. Make sure there is no air stream that could compromise which may affect the correct levelling of the product. Apply at room temperature and at a minimum surface temperature of 15°C with humidity less than 60%. Non-respect of these provisions can greatly prolong reaction time and give rise to anomalies in the dried product.

When ordering the material consider a consumption of 2 kg/m². Consumption per mm is 1kg/m² with minimum thickness of 2 mm and maximum thickness of 8 mm for each casting. Carefully mix **COMPONENT A** with **COMPONENT B**, avoiding air entrapment. We recommend to pour the catalyzed product 5-6 times from one container to another. The product pot-life is 45 minutes.

Apply **CREATIVO® RESINA** by casting and spread the product by trowel. For a multicolor effect, prepare the product in different colours and cast it according to the effect/design that you want to achieve.

In the case in which a second cast is required, wait at least 16-24 hours, sand the surface using a 600-800G sandpaper and vacuum the dust.

To embed objects, pictures or print, they have to be positioned and glued in advance by using catalyzed **CREATIVO® RESINA** applied by brush. Wait at least 12 hours before pouring the next layer to completely embed the objects.

In the case in which **HACCP** is required or there is the need to improve resistance to abrasion, wait 24 hours, sand the surface using a 600-800G sand paper, vacuum the dust and then apply **CREATIVO® TOP**, HACCP certified PU finish. Wait from 6 to 24 hours before applying second coat of **CREATIVO® TOP**. If more than 24 hours have passed, sand the surface with very thin sand paper (>250 G) and vacuum the dust before applying second coat.

Wait at least 36 hours from last coat before walking on the surface. It is anyway advisable to wait a few days for an improved cross-linking and higher resistance. 80% of the physical and chemical resistance is achieved over 3 days, while top performance can be achieved after 7 days.

Wash all tools well after use.

IMPORTANT NOTES:

- **Before application, ensure that the surface is perfectly dry and hardened, and that it has good adherence to the supporting substrate. It must be clean and free from oil, grease, mould, fungus, bacteria, efflorescence or any other defect that could impair adherence or successful results.**
- **Protect containers from freezing temperatures (minimum + 5° C).**
- **Store in a cool, dry place; do not expose to direct sunlight.**
- **The temperature of both the work environment and substrate should be between + 15° C and + 30° C. Relative humidity must not exceed 60%.**
- **Avoid curing with room temperatures or substrate temperature below +15°C.**
- **Arrange the scaffolds in such a way as to allow continuous application until architectural interruptions to avoid the formation of joints, overflows and colour differences.**
- **Obtain enough of the colour in a single batch to complete application, please contact our Technical Team for any clarification.**

The above information has been obtained from scrupulously controlled tests, and represents our best and most recent knowledge. This information is provided for reference purposes only. It is not binding upon the manufacturer, and neither may it constitute grounds for any kind of complaint whatsoever associated with the use of the products described, also considering that the conditions of use are beyond our control.

TECHNICAL DATA:

DRYING AT 20°C

Dust free	8 h
Over-paint	16-24 h
Walkable	36 h
Full mechanical resistance	7 days

POT LIFE

Approx. 45'

CATALYSIS RATIO

Component A 2
Component B 1

DRY EXTRACT

100%

COMPRESSIVE STRENGTH

70 MPa

DIN 53454

FLEXURAL STRENGTH

55 MPa

DIN 53454

BOND STRENGTH

1500 Nmm/mm²

UNI EN ISO 178

CONSUMPTION

1 kg/m per mm

THICKNESS

2 mm - 8 mm

PACKAGING

**Compound 7,5 kg Component A 5 kg +
Component B 2,5 kg**

Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE:

CREATIVO® RESINA

J) Two-pack reactive performance coatings for specific end use such as floors;
Limit Phase II (from 01/01/ 2010 = 500 g/l
Max VOC in Component A: 0 g/l
Max VOC in Component B: 515 g/l
Max VOC in mixture (Component A+B): 172 g/l