

OMMOLL

FIXING SOLUTIONS

Bellezza Epoxy- 999

**TWO COMPONENT SEALER-ADHESIVE
WITH AN ACID-RESISTANT EPOXYRESIN BASE**



- Epoxy Grout and Epoxy Adhesive
- All Types of Ceramic Grouting Up to 20mm
- For Interior and Exterior Use
- UV Stable

DESCRIPTION

Two component acid-resistant sealer-adhesive. This two component product is based on epoxy resins, selected quartz and special additives. It is suitable for gluing and grouting floors and different types of ceramic coverings on a wide range of surfaces. It has excellent waterproofing qualities, as well as resistance to chemical and mechanical damage. Provides rapid drying without shrinkage, and is easy to wash with water. BELLEZZA EPOXY- 999 is available in different colours which will highlight the beauty of the surface, guaranteeing a resistance to ageing and clean joints that cannot be achieved with traditional sealers.

TECHNICAL CHARACTERISTICS

BELLEZZA EPOXY- 999 is a special product created from two components based on epoxy resins, selected quartz and special additives. It is suitable for gluing and grouting flooring and different types of ceramic coverings on a wide range of surfaces and has excellent waterproofing qualities and resistance to chemical and mechanical damage. BELLEZZA EPOXY- 999 has been created to be quick-drying without shrinkage. It can be washed easily with water and is available in different colours which will highlight the beauty of your coverings, guaranteeing the kind of resistance to ageing and clean joints that are not achievable with traditional sealers.

APPLICATION PROCEDURE AND WARNINGS



BELLEZZA EPOXY- 999 is not an elastic product and, for this reason, supports need to be fixed and rigid rather than subject to movement beyond the normal oscillations and vibrations of the actual structures. Therefore, lightweight or fine prefabricated panel supports are not suitable. Before application, the joints need to be completely clean and any excess cement needs to be removed along the whole thickness of the floor tile. There should be no dust, oil or other adhesive substances present. It is also important that the joints and the grout used for laying the tiles are both dry. A very important condition for obtaining good results with BELLEZZA EPOXY- 999 is environmental temperature, as this will have a considerable influence on the application time for the product and the time it takes before it can be walked on; in fact, at 20°C (the ideal temperature for using the product without complications) the application time is approximately 30 minutes, adjustment time is around 60 minutes and an approximate time of 24 hours before it can be walked on; at 25°C these values increase considerably, and allow for normal traffic after a period of 80 hours, while at temperatures above 30°C the usage time is too short.

AREAS OF USE

Use for gluing floors and ceramic coverings of all types (except those with absorbent surfaces) up to 20 mm thick on: - food industry surfaces (dairies, slaughterhouses, wineries, meat processing or cheese-making factories); - swimming pools and tanks containing aggressive chemical liquids; - laboratory benches, kitchen surfaces, hospitals; - surfaces where a high-quality, hard-wearing easy to clean and attractive covering is required.



PREPARING THE MIX

BELLEZZA EPOXY- 999 is sold in 3kg buckets containing 2 pastes which have been pre-measured in the correct proportions (paste A 2800g and paste B 200g). These pastes need to be mixed thoroughly in the original container with clean, dry tools until a complete mix of both pastes is achieved. Do not add water or any other substance to the product as this will damage it beyond repair. During mixing, placing and sponge cleaning, always use rubber gloves, as Paste B is a skin irritant.



Bellezza Epoxy- 999

TECHNICAL DATA COMPLIANT WITH OMMOKOLL QUALITY STANDARD

| | |
|--|---|
| Consistency: | Comp. A paste Comp. B: thick liquid |
| Colour: | Comp. A see table Comp. B dark |
| Product lifetime: | 24 months if stored correctly sealed in its original container at +10°C |
| Toxicity Hazard: | Comp. A - Harmful in contact with skin and irritant by contact with the eyes and skin. May cause sensitization. Comp. B - Caustic and harmful in contact with the skin, ingestion and inhalation. May cause sensitization. |
| Flammable: | No |
| Mixture proportions: | Comp. A / comp. B 9,4: 0,6 |
| Specific weight: | 1,6 kg/dm ³ |
| Application temperature: | de +1°C a +30°C |
| Duration of mix time: | 45 minutes |
| Time before surface is dry at 23°C and is set to light foot traffic: | 24 hours |
| Final hardening on dry supports at 23°C: | 15 days |
| Final performance | |
| Resistance to damp: | Excellent |
| Resistance to wear: | Excellent |
| Resistance to acids and alkalis: | Excellent |
| Resistance to solvents and oils: | Good |
| Resistance to temperatures of -20°C to +100°C according to:: | EN 13888 class RG, EN12004 class R2 (adhesive and sealer) |

*Data obtained at 23°C and 50% H. R.

COLOURS

- WHITE
- GREY
- DARK GREY
- ANTHRACITE
- BLACK
- BAHAMA BEIGE
- CAMEL
- BROWN
- WALNUT
- IVORY
- DOVE GREY
- LIMESTONE
- SILVER
- SUNSET
- IRON GREY
- TERROCOTTA
- SEA BLUE
- COFFEE
- SANDSTONE
- GREEN

COVERAGE TABLE

KG PER M² OF SURFACE COVERING:

| TILE FORMAT (CM) | THICKNESS (CM) | JOINT WIDTH (MM) | | | | | |
|------------------|----------------|------------------|------|------|------|------|------|
| | | 0,60 | 1,10 | 1,60 | 2,60 | 3,65 | 5,15 |
| 2,5 X 2,5 | 0,3 | 0,60 | 1,10 | 1,60 | 2,60 | 3,65 | 5,15 |
| 5 X 5 | 0,4 | 0,40 | 0,70 | 0,95 | 1,55 | 2,10 | 3,00 |
| 10 X 10 | 1,0 | 0,45 | 0,80 | 1,20 | 1,90 | 2,60 | 3,70 |
| 10 X 10 | 0,6 | 0,30 | 0,55 | 0,75 | 1,20 | 1,60 | 2,25 |
| 12,5 X 12,5 | 1,0 | 0,40 | 0,70 | 0,95 | 1,55 | 2,10 | 3,00 |
| 10 X 20 | 0,8 | 0,30 | 0,55 | 0,75 | 1,20 | 1,60 | 2,25 |
| 15 X 15 | 1,4 | 0,45 | 0,80 | 1,15 | 1,85 | 2,55 | 3,65 |
| 15 X 15 | 0,8 | 0,30 | 0,50 | 0,70 | 1,10 | 1,50 | 2,10 |
| 12 X 24,5 | 0,8 | 0,30 | 0,50 | 0,70 | 1,10 | 1,50 | 2,10 |
| 20 X 20 | 1,4 | 0,35 | 0,60 | 0,85 | 1,35 | 1,85 | 2,60 |
| 20 X 20 | 0,8 | 0,25 | 0,40 | 0,55 | 0,80 | 1,10 | 1,55 |
| 20 X 25 | 0,8 | 0,25 | 0,35 | 0,50 | 0,75 | 1,00 | 1,40 |
| 25 X 25 | 1,0 | 0,25 | 0,40 | 0,55 | 0,80 | 1,10 | 1,55 |

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PERFORMANCE

| IN CONTACT WITH | CONTINUOUS IMMERSION | FREQUENT CONTACT | OCCASIONAL CONTACT |
|--|----------------------|------------------|--------------------|
| WATER | 0 | 0 | 0 |
| WINE | 0 | 0 | 0 |
| OIL | 0 | 0 | 0 |
| SUGAR SOLUTION | X | ** | ** |
| SALT SOLUTION (SODIUM CHLORIDE) | 0 | 0 | ** |
| MILK WHEY | X | ** | 0 |
| LACTIC ACID 2.5% | X | ** | 0 |
| LACTIC ACID 5% | X | X | ** |
| LACTIC ACID 10% | X | X | ** |
| CITRIC ACID (pH3) | 0 | 0 | 0 |
| ETHYL ALCOHOL 10% | 0 | 0 | 0 |
| ETHYL ALCOHOL 10% + HYDROCHLORIC ACID 10% | X | ** | ** |
| NITRIC ACID 10% | X | ** | ** |
| SULPHURIC ACID 10% | X | X | ** |
| SODA 4% | X | 0 | 0 |
| SODA 10% | X | 0 | 0 |
| SODIUM HYPOCHLORITE | X | X | ** |
| XILENE | X | X | ** |
| TRICHLOROETHANE | X | X | X |
| PETROL 0 | 0 | 0 | 0 |
| DIESEL | 0 | 0 | 0 |

LEGEND:

0 = EXCELLENT PERFORMANCE ** = GOOD PERFORMANCE X= COMPORTAMIENTO ACEPTABLE

NOTE

The data and information contained in this technical sheet is based on our experience and is therefore purely indicative. The product user must check this and must accept all responsibility for its use.



Head Office

Ommokoll India Pvt.Ltd

Gangadham 2, G5/502 Marketyard, Pune- 411037.

Customer Care No. 9175048978

Works

Plot No 1. Miraj Kupwad Road, Govindrao Marathe,
MIDC Ram Krishna Park Miraj, CST No. 262.

 www.ommokollindia.com

 ommokollindia@gmail.com

 **+91 9175048978**