

TECHNICAL INFORMATION

BECCPOL 29



555-50029-900

DESCRIPTION

BECCPOL 29 is an unsaturated orthophthalic polyester resin for the synthetic marble industry. It has an excellent strength, does not suffer from buckling or cracking during curing process and allows for the use of any stone powder. It is a pre-accelerated resin, to be catalyzed with MEKP and cure at room temperature.

USE

BECCPOL 29 is used to make synthetic marble elements, such as bathtubs, bathroom or kitchen sinks, etc. Specially useful to make large elements which, due to its size, have the risk of developing unwanted curvatures (buckling).

Product line Professional/Industrial Line

CHARACTERISTICS

| PHYSICAL PROPERTY | DATA |
|--|-----------------------------------|
| Weight solids (%) | 63 - 66 |
| Weight per Gallon (kg/gal) | 4.15 - 4.35 |
| Brookfield Viscosity RFV (cPs) | 500 - 700 |
| Pencil Hardness (ASTM D3363) [Bu] | 30 - 35 |
| ASTM D 790 Flexural modulus (GPa) | 1.280 |
| ASTM D 638 Modulus of elasticity (GPa) | 2.285 |
| Weight solids (%) | 30.00 |
| Weight solids (%) | 50.00 |
| Max Exotherm (°C) | 135.00 |
| Gel Time (1% MEKP @ 25°C, in minutes) | 10 - 20 |
| Shelf Life | Three months in regulated storage |

PRESENTATION

AVAILABLE PRESENTATIONS

20 kg (5 gallon) plastic bucket
205 kg (55 gallon) drum

AVAILABLE COLORS

Neutral 900

SURFACE PREPARATION

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator skills, selection, preparation or compatibility of products used; therefore, can only guarantee this product quality, its features and qualities' suitability, but is not responsible for the results obtained in conditions impossible to check once the job has been done. SUR QUIMICA has made reasonable efforts to ensure the accuracy of the information provided here, but assumes no responsibility for any error, omission or inaccuracy in it. If there is any inconsistency between different language issues of this document, Spanish version will prevail.

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| CONDITION | INSTRUCTION |
|--------------------------------|---|
| Clean the mold | Thoroughly clean the mold to be used, making sure that it is free from contaminants. |
| Apply as many layers as needed | Apply as many layers of Kinwax 14040-000 as needed to ensure an adequate mold release of the manufactured element |

PRODUCT PREPARATION

| COMPONENT | MIXING RATIO | MIXING INSTRUCTIONS |
|--|--------------|--|
| Component A: 555-50029-900, BECCPOL 29 | 100% | Add from 0,5% to 2% of catalyst MEKP Peroxide, or 19 to 75 ml per gallon of resin. |
| Catalyst: 555-06898-900, BECCAT 6898 | 0,5 - 2% | Add catalyst and shake for 1 minute: |

Kinpol 29 is a preaccelerated resin, so it only needs the addition of 0,5% to 2% of catalyst MEKP Peroxyde, or in a ratio of 19 to 75 cc (ml) of catalyst per 1 gallon of resin.

PRODUCT APPLICATION

IT CAN BE APPLIED WITH

Brush

Application Instructions

Apply the catalyzed resin to the mold for self leveling.

OBSERVATIONS

- ✓ If you need more information, one of our technicians will assist you. Call 800-SUR-2000 or email us at customerservice@gruposur.com
- ✓ Keep container tightly closed in a ventilated place, between 20 and 30 °C, out of reach of children.

HEALTH

- ✓ If you need to dispose of empty containers of our products in Costa Rica, contact your SUR Color paint store or our industrial compound in La Uruca, San Jose.
- ✓ The user of this product may need the appropriate Personal Protection Equipment (PPE), as described in its Safety data Sheet (MSDS), available at <http://www.gruposur.com>

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