

# TECHNICAL INFORMATION

## BECC GEL I 40 BLANCO MANUAL



555-50040-000

### DESCRIPTION

BECC GEL I 40 Blanco Manual is a pre-accelerated gelcoat for manual application, with a higher viscosity than those intended for spray application. Its formula based on isophthalic resins offers an excellent combination of flexibility and finishing quality, as well as resistance to solvents, acids, hot water, temperature changes and UV radiation. It does not contain paraffin and can be colored with up to a 10% of our polyester Becc Color Pastes 00570 to obtain pastel colors. Polish to get a high gloss. This product includes raw materials listed under FDA 21CFR-175.300.

### USE

Ideal for manufacturing and repairing fiberglass elements for general use or structures such as swimming pools, bathtubs, hot tubs, etc. It stands to constant immersion, so it can be used for water storage tanks (in this case, use isophthalic resin for the construction of the element).

**Product line** Professional/Industrial Line

### CHARACTERISTICS

#### PHYSICAL PROPERTY

#### DATA

Recommended wet thickness (mils)	16 - 24
Weight solids (%)	60 – 65
Weight per Gallon (kg/gal)	4.40 – 4.50
Brookfield Viscosity RFV (cPs)	11, 000 - 15,000
Shelf Life	3 months in regulated storage conditions
Gel Time (1% Mekk @ 25°C) in minutes	15 - 20
Non-reinforced Hardness (ASTM D2583)	30 - 35 (Barcol Hardness)
Chemical resistance to diesel (ASTM C581)	5* (very good.
Chemical resistance to gasoline (ASTM C581)	5* (very good.
Chemical resistance to 10% hydrochloric acid (ASTM C581)	5* (very good.
Chemical resistance to 10% sodium hydroxide (ASTM C581)	5* (very good.
Max. exothermic temperature (°C) test (ASTM D-522)	145 - 160

Note: Grades from 1 to 5, where 5 is better.

### PRESENTATION

#### AVAILABLE PRESENTATIONS

¼ gallon (0.946 lt)

1 gallon plastic can (3.785 Lt.)

#### AVAILABLE COLORS

White 000

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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5 gallon bucket (18.925 Lt.)

### PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Component A: 555-50040-000, BECC GEL I 40 Blanco Manual	<b>100%</b>	
Pre-Accelerator: 555-06009-500, BECCDRY COBALT		In coastal areas or with high humidity, we advise to add 1 cc. per gallon of Gel Coat.
Catalyst: 555-06898-900, BECCAT 6898	<b>2%</b>	Add catalyst and shake for 1 minute

### PRODUCT APPLICATION

#### IT CAN BE APPLIED WITH

Brush

#### Application conditions

Product meant to be applied with brush.  
Better to apply two coats, each of them at 9 mils wet thickness.  
Minimum recoat time is 1 hour.

### OBSERVATIONS

- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>
- ✓ Keep container tightly closed in a ventilated place, between 20 and 30 °C, out of reach of children.

### HEALTH

- ✓ This product is for professional/industrial use only and must be applied by trained personnel, using the appropriate Personal Protection Equipment (PPE), as described in its Safety data Sheet (MSDS), available at <http://www.gruposur.com>
- ✓ 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.

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