

## 200-B-122 / 200-B-122W

### DESCRIPTION

The 200-B-122 and 200-B-122W are pre-promoted, white isophthalic gel coat developed for the cultured marble industry where higher resistance to chemical and staining agents compared to conventional gel-coats are required.

### FEATURES AND BENEFITS

- Good viscosity / thixotropy balance.
- Sagging resistance.
- Fast cycle of curing.
- Good hardness development

### APPLICATIONS

- Manufacture of countertops, tabletops and vanities.

### TYPICAL LIQUID PROPERTIES

Property	Units	200-B-122	200-B-122W	Test Method
Brookfield viscosity <sup>2</sup>	Cps.	2800 -3300		TARQ – 300
Thixotropic index <sup>3</sup>	-----	5.5 - 7		TARQ – 300
Gel time <sup>1</sup>	Minutes	13 - 17	6 - 8	TARQ – 400
Interval	Minutes	6 - 9		TARQ – 400
Exotherm temp.	°C	-----	180	TARQ – 400
Color DE	-----	-----	1	TARQ – 590

<sup>1</sup> 2% Butanox M-50 @25°C; <sup>2</sup> LVDV-E, spindle # 4, 60 rpm @25°C; <sup>3</sup> LVDV-E, spindle # 4, 6 / 60 rpm @25°C

NOTE: Tests results compared with the reported in certificate can be affected due to: batch age, temperature, moisture, type and amount of catalyst, testing equipment and method.

## RECOMMENDATIONS

- 1.- The catalyst level should not exceed 2.8% or fall below 1% for proper cure.
- 2.- These products should not be used when temperature conditions are below 16°C, as curing and handling may be adversely affected.
- 3.- Before use:
  - Mix once a day for 10 minutes, starting from the edges towards the center of the drum with the least possible turbulence.
  - Avoid air assistance, this is not effective and may cause water or oil contamination.
  - Avoid over-mixing, due to potential filler separation and increased tendencies to sag.
- 4.- Film should be sprayed in at least three passes, for a total film thickness of 18 to 22 mils (wet).  
NOTE: Films less than 12 mils may not cure properly; films above 24 mils may pre-release, generate porosity or cracks.
- 5.- Brushing is not recommended, because it causes uneven thickness.
- 6.- Do not add any material different to the catalyst recommended for these products.
- 7.- Do not mix organic peroxides with metallic soaps, amines or any type of accelerators or promoters, because it can result on violent decomposition with fire or explosion.
- 8.- Any additional questions, please contact your Reacciones Químicas SA de CV sales representative.

## STORAGE

Uncatalyzed 200-B-122 and 200-B-122W gel coats have a usage life of 45 days from invoice date, when stored at 25°C or below, in closed, opaque, factory sealed containers, and out of direct sunlight, heat sources or moisture. If ordered in IBC totes, shelf life is only 30 days when stored at 25°C or below, in closed, factory sealed containers, and out of direct sunlight, heat sources or moisture. For every 7°C increase in storage temperature, the shelf life is reduced by one half.

## SAFETY AND HANDLING

Detailed information for safe handling of 200-B-122 and 200-B-122W gel coats, can be found on its SDS. For more information, please contact your Reacciones Químicas SA de CV sales representative.

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