

## DESCRIPTION

SB-112 is a two part epoxy system that excels as a primer/tie coat for polyester resin materials. SB-112's surface does not inhibit the curing of the polyester resin at the interface. What results is an exceptional bond between the epoxy and polyester resin system.

SB-112 can also be used for fiberglassing and coating applications.

| <b>Individual Component Properties:</b> |           |                                    |             |
|---|-----------|------------------------------------|-------------|
| <b>Resin Properties:</b>                |           | <b>Hardener Properties:</b>        |             |
| <b>Viscosity @ 77°F (25°C) cps</b>      | 900-1,000 | <b>Viscosity @ 77°F (25°C) cps</b> | 1,800-2,000 |
| <b>Density</b>                          | 9.49      | <b>Density</b>                     | 8.64        |
| <b>Color</b>                            | Colorless | <b>Color</b>                       | Pale Yellow |
| <b>VOC Content</b>                      | 0         | <b>VOC Content</b>                 | 0           |

| <b>Mixed System Properties:</b>              |   |
|--|---|
| <b>Mixed Viscosity (at room temperature)</b> | 1,310 cps   |
| <b>Mix Ratio By Volume (Resin: Hardener)</b> | 2:1   |
| <b>Mix Ratio By Weight (Resin: Hardener)</b> | 100:44  |
| <b>Minimum Application Temperature</b>       | 60°F (16°C)   |
| <b>Working Time @ 70°F (21°C)</b>            | 20-25 min.  |
| <b>Recoat Time w/o Sanding @ 70°F (21°C)</b> | 4-48  |
| <b>Time To Sand @ 70°F (21°C)</b>            | 16-24 hours   |
| <b>Coverage:</b>                             | 300-400 ft <sup>2</sup> Tie Coat Applications<br>200-300 ft <sup>2</sup> Fiberglassing Applications |

| <b>Cured Properties:</b>               |  |
|--|--|
| <b>Full Cure @ 70°F (21°C)</b>         | 3 days                                       |
| <b>Hardness Shore D</b>                | 80   |
| <b>Heat Deflection Temperature</b>     | 127°F / 52.8°C                               |
| <b>Maximum Service Temperature</b>     | 160°F / 71°C                                 |
| <b>Tensile Strength (ASTM 638)</b>     | 6,000 psi                                    |
| <b>Tensile Elongation (ASTM 638)</b>   | 11%  |
| <b>Flexural Strength (ASTM D790)</b>   | 12,000 psi                                   |
| <b>Compressive Strength (ASTM 695)</b> | 12,000 psi at yield<br>26,000 psi at failure |

For health and safety information concerning this product, please refer to the SDS sheets for SB-112 at [systemthree.com](http://systemthree.com).