

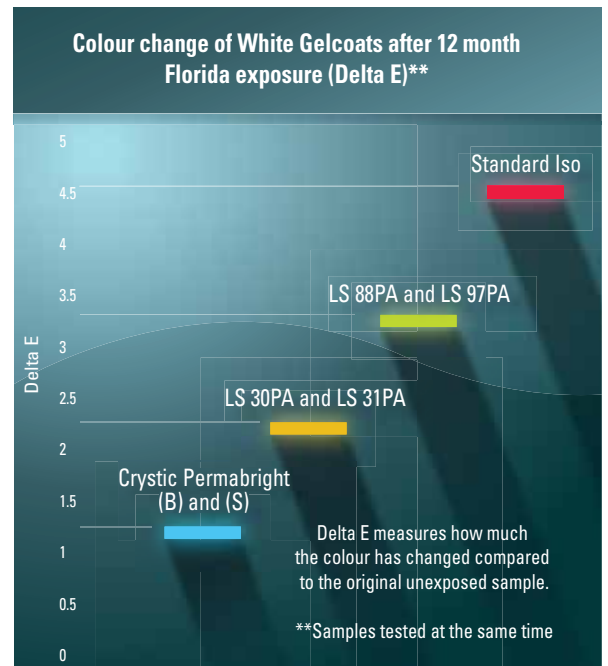


Scott Bader has led innovation in superior weathering gelcoat technology for over 50 years

**Crystic Permabright - 2 times better colour stability than next best in class Iso/NPG\* - 4 times better colour stability than a standard Isophthalic Gelcoat\***

*A dE of 1.0 is the smallest colour difference the human eye can see, so after 12 months in intense sunlight in Florida, the colour change of Crystic Permabright is difficult to detect.*

*This means, products manufactured using Crystic Permabright Gelcoat can maintain their show room look and condition for longer.*



|                                |   |
|--------------------------------|---|
| <b>Crystic Permabright (B)</b> | D-Iso/NPG polyester brush gelcoat with outstanding weathering performance |
| <b>Crystic Permabright (S)</b> | D-Iso/NPG polyester spray gelcoat with outstanding weathering performance |
| <b>Crystic LS 31PA</b>         | Thixotropic Iso/NPG brush gelcoat with good weathering performance        |
| <b>Crystic LS 30PA</b>         | Thixotropic Iso/NPG spray gelcoat with good weathering performance        |
| <b>Crystic LS 88PA</b>         | Thixotropic Isophthalic brush gelcoat with good weathering performance    |
| <b>Crystic LS 97PA</b>         | Thixotropic Isophthalic spray gelcoat with good weathering performance    |

**Key benefits of the Crystic Superior Weathering Range:**

- Market leading weathering performance
- Low styrene content
- Exceptional handling
- Low porosity finish
- D-Iso/NPG polymer technology of Crystic Permabright designed to combat colour change
- Can be used under the water line as the water uptake is very low
- Easy to repair

## Liquid Properties

| Product                 | Description                       | Viscosity at 0.6 s <sup>-1</sup> | Viscosity at 4500 s <sup>-1</sup> | Specific Gravity at 25°C | Stability at 20°C | Geltime 25°C 2% Butanox M50 (or other equivalent catalyst) |
|-------------------------|-----------------------------------|----------------------------------|-----------------------------------|--------------------------|-------------------|--|
| Crystic Permabright (B) | D-Iso/NPG polyester brush gelcoat | 350 - 450 poise                  | 12 - 18 poise                     | 1.2                      | 3 months          | 6 - 10 minutes   |
| Crystic Permabright (S) | D-Iso/NPG polyester spray gelcoat | 230 - 280 poise                  | 2.3 - 2.5 poise                   | 1.2                      | 3 months          | 6 - 10 minutes   |
| Crystic LS 31PA         | Iso/NPG brush gelcoat             | 350 - 450 poise                  | 12 - 18 poise                     | 1.1                      | 3 months          | 6 - 10 minutes   |
| Crystic LS 30PA         | Iso/NPG spray gelcoat             | 230 - 280 poise                  | 2.3 - 2.5 poise                   | 1.2                      | 3 months          | 7 - 10 minutes   |
| Crystic LS 88PA         | Isophthalic brush gelcoat         | 400 - 470 poise                  | 10 - 14 poise                     | 1.2                      | 3 months          | 7 - 12 minutes   |
| Crystic LS 97PA         | Isophthalic spray gelcoat         | 230 - 300 poise                  | 2.3 - 2.5 poise                   | 1.2                      | 3 months          | 6 - 9 minutes  |

## Mechanical Properties

| Product                 | Description                       | Barcol Hardness | Heat Deflection Temperature | Water Absorption 24 hours at 23°C | Tensile Strength | Elongation at Break | Flexural Strength |
|-------------------------|-----------------------------------|-----------------|-----------------------------|-----------------------------------|------------------|---------------------|-------------------|
| Crystic Permabright (B) | D-Iso/NPG polyester brush gelcoat | 46              | 53°C                        | 9 mg                              | 58 MPa           | 3.3%                | 103 MPa           |
| Crystic Permabright (S) | D-Iso/NPG polyester spray gelcoat | 48              | 68°C                        | 6 mg                              | 61 MPa           | 2.7%                | 97 MPa            |
| Crystic LS 31PA         | Iso/NPG brush gelcoat             | 41              | 65°C                        | 10 mg                             | 57 MPa           | 2.1%                | 106 MPa           |
| Crystic LS 30PA         | Iso/NPG spray gelcoat             | 46              | 62°C                        | 10 mg                             | 52 MPa           | 2.8%                | 88 MPa            |
| Crystic LS 88PA         | Isophthalic brush gelcoat         | 50              | 70°C                        | 17 mg                             | 60 MPa           | 2.3%                | 100 MPa           |
| Crystic LS 97PA         | Isophthalic spray gelcoat         | 36              | 63°C                        | 17 mg                             | 74 MPa           | 4.7%                | 89 MPa            |



- Markets:**
- ✓ MARINE
  - ✓ BUILDING
  - ✓ TRANSPORT
  - ✓ INDUSTRIAL
  - ✓ APPLICATIONS WHERE EXTERIOR DURABILITY IS CRITICAL



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