

390-Line XLA Gelcoats

Technical Data

PRODUCT VARIANTS

390-line XLA gelcoats are available in a comprehensive range of colours.

PRODUCT DESCRIPTION

390-line XLA Gelcoats have been designed to give exceptional water and chemical resistance and outstanding weathering performance.

They are suitable for use in architectural building panels, boats both trailer and moored, and other marine uses such as pontoons, buoys etc, as well as basins, baths and tubs for the bathroom, laundry and kitchen.

Application is by spray only.

PRODUCT ADVANTAGES

- Exceptional water and chemical resistance
- Outstanding weathering properties
- Excellent gloss retention
- High stain resistance
- Lloyds approved

TYPICAL PROPERTIES

These values are listed as a reference guide only and are not intended for use as specifications.

Test	Result	Test Method
Viscosity (Brookfield RVT, Spindle 4, 5rpm), cps	10 000 - 20 000	TM18
Thixotropic Index	> 5	TM18
Gel Time @ 25°C, 1% MEKP, mins	10 - 20	TM19
Density @ 25°C, kg/l	1.20 – 1.30	TM40

CURE INFORMATION

Catalyst Addition:

390-line gelcoats are formulated for spray application as received and are designed to be cured by the addition of 1.5 – 2.5% MEKP. Contact Technical service for information on recommended catalyst grades. Do not catalyse at levels below 1% or above 3% as this may result in curing problems or other physical defects.

Gelcoat Thickness:

Correct gelcoat thickness is important to obtain satisfactory cure. Recommended thickness is as follows:

Wet: 0.6mm – 0.65mm (24 – 26 thou)

Dry: 0.5mm – 0.55mm (20 – 22 thou)

Temperature:

Do not apply at a temperatures less than 15°C or more than 35°C.

Humidity:

Do not apply at relative humidity exceeding 80%.

STORAGE AND SHELF LIFE

Uncatalysed gelcoats have a shelf life of 4 months from date of manufacture, when stored in original sealed containers in a cool, dry area away from sunlight and other sources of heat. Storage temperatures above 25°C can reduce the shelf life. Note that the material should be agitated before use.

HEALTH AND SAFETY

Before handling, refer to the Material Safety Data Sheet for health and safety information.