

PRODUCT CODE: C420028

NUTECH 894 WHITE GELCOAT (Spray) is a white, pre-accelerated spray gelcoat based on an isophthalic unsaturated polyester. NUTECH 894 WHITE GELCOAT (Spray) has been formulated to give excellent durability and resiliency.

FEATURES

- Pre-accelerated
- Rapid air release
- Good flow properties
- Highly resistant to pre-release
- Good sag resistance
- Excellent atomisation and general spraying characteristics
- Good water resistance

BENEFITS

- Require only the use of a catalyst to start the curing process
- Minimises' air entrapment
- Excellent levelling properties
- Improved part quality
- Provides a more consistent film thickness
- Easy to apply with industry standard spray equipment
- Protects underlying laminate from water ingress

SUGGESTED USE

NUTECH WHITE GELCOAT (Spray) is designed for use in general purpose Composite applications.

RECOMMENDED CATALYST

2% MEKP NR20, Butanox M50 or Norox MEKP 9

TYPICAL LIQUID RESIN PROPERTIES

| PROPERTY | TYPICAL VALUE |
|---|--|
| Appearance | White, Opaque liquid |
| Viscosity@ 25°C, Brookfield RVT 4/5 | 16000 – 18000 cP |
| Geltime@ 25°C 2% MEKP Curox NR20, (minutes) | 12 - 14 (May - August) 14 – 16 (Mar, Apr, Sept, Oct) 16 – 18 (Nov – February) |
| Volatile Content | 34 – 38 % |
| Shelf Life | 4 months minimum at temperatures below 25°C and stored away from any heat sources and sunlight |

TYPICAL CAST RESIN PROPERTIES – BASE RESIN

| PROPERTY | TYPICAL VALUE | TEST DETAILS |
|----------|------------------------|--------------------------|
| Hardness | 40 | Barcol (GYZ 934-1) EN 59 |
| Density | 1.15 g/cm ³ | ISO R1183 |

APPLICATION GUIDELINES

Plan a course of action prior to starting. Ensure the gelcoat has been properly stirred prior to using. Position the correctly prepared and cleaned mould for easy access. Trigger the gun off the mould. Apply the gelcoat evenly with overlapping strokes and to the correct thickness. This should ideally be achieved in 3 passes. Always use a wet film thickness gauge to measure an even coverage of 24 to 30 thou (approximately 0.6 to 0.75mm).

| | |
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| Application Temperature Range: | 15-30°C |
| Catalyst Level (MEKP: 9% Active Oxygen): | 1.5 – 2.5 %v/w (volume of catalyst on weight of gelcoat) |

STORAGE AND HANDLING

To ensure maximum stability and maintain optimum gelcoat handling properties, gelcoats should be stored in closed containers, away from heat sources and sunlight. The gelcoat should be stored away from all sources of ignition. Stored gelcoat quantities should be kept to a reasonable minimum and used on a first in/first out stock rotation basis. Prolonged storage, or unfavourable storing conditions, may cause separation, therefore agitation of the gelcoat before use is recommended.

STANDARD PACKAGING

Mild steel drums (225kg)

Always refer to the MSDS before use.