

## 1- CHARACTERISTICS

Gel coat **NORESTER® GL 195 WHITE** is based on a resin ISO – NPG (neopentyl-glycol). Recommended for quality applications (sanitary). Characterised by a good hydrolysis resistance.

- ◆ **GL 195 WHITE** is thixotropic and pre-accelerated. Formulated for airless application.
- ◆ Good handleability and coverage.
- ◆ Freedom from drainage on inclined surfaces.
- ◆ High quality, excellent water resistance (warm and cold) good chemical and temperature resistance.

## 2- PROPERTIES OF LIQUID GEL COAT

<u>Brookfield viscosity</u> (ISO2555 - 20°C - sp5)	5 rpm 50 rpm	17000 mPa.s 2500 mPa.s
<u>Specific gravity</u> (ICON 012)	1.22 mg/cm <sup>3</sup>	
<u>Non volatile content</u> (ICON 003)	62%	
<u>Geltime</u> (ICON 002) (20°C - 2% MEKP on 100g)	15 minutes	
<u>Water absorption</u> (ISO 62)	11 mg	

## 3- PROPERTIES OF CAST GEL COAT

<u>Flexural strength</u> (ISO 178)	/
<u>Tensile strength</u> (ISO 527)	/
<u>Elongation at break</u> (ISO 527)	5%
<u>Temperature of deflection under Load (HDT)</u> (ISO 75-3)	95°C
<u>Barcol hardness</u>	50

## 4- VERSIONS

**GL 195 WHITE** is available in all colours. Called GL194 w in brush version.

## 5- APPLICATION

- ◆ Mix the peroxide well, never put under 1% or over 3%.
- ◆ **GL 195 WHITE** is ready to use; stir the gel coat each time before use to give a homogeneous product.
- ◆ Put 0.4 to 0.5 mm thickness of gel coat (about 500 g/m<sup>2</sup>)
- ◆ Avoid excess thickness especially in angles. We recommend the application of several thin layers rather than a thick one.

## 6- POST-CURING

To obtain optimum properties of the **GL 195 WHITE**, it is necessary to fully cure the laminate (GC and resin). The laminate must stay at ambient temperature for 24 hours, then, we advise to post-cure for 16 hours at 40°C. This post-curing must be done immediately after the initial cure.

## 7- PACKAGING

Available in cans of 25 kg and drums of 225 kg.

## 8- STORAGE CONDITIONS

Minimum storage life : 3 months.

The gel coat is subject to the Highly Flammable Liquids Regulations. The product should be stored under cool conditions in closed opaque containers at a temperature not exceeding 25°C. Avoid exposure to heat sources such as direct sunlight.