

GEL COAT 794 BRUSH

Product Description

The GELCOAT 794 is a thixotropic and accelerated polyester product formulated with Iso NPG resin. It is recommended for the production of parts in contact with water. It has an excellent resistance to hydrolysis, UV, and thermal shock. This gelcoat is highly recommended for boat building industry and sanitary.

Certificates

No proliferation bacteria	ISO 22196 :2011	AB version
Lloyd's –Nord Composites Italy Site	Lloyd's register	LR2451755ALP -05/2029
Lloyd's –Nord Composites France Site	Lloyd's register	LR2451792ALP -08/2029
DNV - High speed and light craft and craft	DNV	TAK00002EW -10/2029

Physical Properties of Uncured Gelcoat (SV version)

Brookfield Viscosity 23°C-sp5-Poise- 5rpm	ISO 2555	300 - 340
Specific gravity at 23°C	ICON012	1.10 – 1.30
Solid Content - %	ICON003	62 -66
Storage stability 20°C- months	-	4

Reactivity

Gel Time at 23°C 2 % MEKP (M50) on 100g-minutes	ICON002	10
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Versions

Spray Version	795
Neutral and white Tinting Base Version	SV-10
Waxed Version	TOP COAT
Internal Release Agent	D
Abrasion Resistance	HRA

Viscosity & Gel time versions available

	NA	06	10	15	25
LV	X	X	✓	X	✓
SV	✓	X	✓	X	✓
HV	X	X	X	X	X

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Mechanical Properties of cured base resin*

Elongation at Break	ISO 527	3.5 %
Temperature of deflection under load-HDT	ISO 75-2	94°C
Barcol Hardness	ASTM 2583	40-45

* To catalyze at 2% of MEKP- post-cured 3h@80°C

Application & Specificities

Recommendations before use	Application temperature between 18-25°C. Homogenize the product.
Recommendations during use	1,25 - 2,5% Methyl Ethyl Ketone (MEKP). Mix the catalyst well.
Thickness	Apply 800µm of wet. Avoid excess thickness.
Colours available	RAL & Specific Countertypes. No warranty on hydrolysis and chlored resistance on dark colours tones. Consult technical service.
Post Curing	24h at room temperature (16-20°C) then 16h at 40°C for optimal properties.

Storage

<p>The product must be stored in its original closed packaging at a temperature between 15°C and 25°C, away from direct sunlight.</p> <p>It is the responsibility of the customer to ensure that the product is used in good conditions before the use by date mentioned on the keg.</p> <p>The product is subject to the Highly Flammable Liquids Regulations.</p> <p>Please follow the MSDS of this product in order to make sure the operators wear the appropriate personal protective equipment during usage of the product.</p>

All these results were obtained from our internal laboratory tests. Results given in this document are indicative and, to the best of our knowledge, are reliable but cannot be taken as liability. We cannot endorse any responsibility for parts manufactured with this product.