

GELCOAT IN-500 (clear) is a premium quality gelcoat. It is a decorative coating based on ISO/NPG unsaturated polyester resin, for “spray” and “hand” application. The gelcoat could be tinted to any colour in accordance with RAL catalogue or with your laminate sample.

1. BASIC CHARACTERISTICS AND APPLICATION AREA

Gelcoat is very effective when it is used in manufacturing of products that are exposed to water and slightly aggressive chemicals at different temperatures.

Application:

- Production of the first decorative layer of laminated flooring
- Production of bathroom and lavatory equipment
- Production of inside car parts

Correct application is the key factor of getting a nice and high-quality product. Gelcoat is applied in order to give a necessary color and gloss and protective properties to the product. Temperature of equipment and materials should be 20-23°C. Recommended peroxide dose is 1,3-2,0%.

2. RESIN DELIVERY CHARACTERISTICS

Properties	“For spray” brand	“For hand” brand	Testing method	Unit
1. Appearance	Slight opalescence without mechanical impurities	Slight opalescence without mechanical impurities	Visual	
2. Solid matters content	57±2	57±2	ISO 3251	%
3. Brookfield viscosity, 23°C; spindle 4; speed 12	5000-8000	10000-12000	ISO 2555	mPa·s
4. Density, 20°C	1,13±0,05	1,13±0,05	ISO 2811	g/cm ³
5. Gel time, 20°C 1,5% MEKP (50%)	15-20	15-20	ISO 2535	minutes

* Gel time can be changed by the customer’s request.

3. STANDARD PACKAGING

20 kg metal buckets.

4. STORAGE

Shelf life 4 months
Storage conditions it should be stored indoors at 25°C in its original packaging, it should be kept away from direct sunlight

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