

EUROGEL[®] Gel Coat

Eurogel GCP/GCTC 500 iso-modified basis series

MARKETS

- Industry, vehicles, building, general use. A quality standard gelcoat, stable for storage and using.
- Provides effective protection for polyester laminates exposed to conditions and meets the most stringent processing requirements.

Reference	Application mode	Molding	Finishing touch	Viscosity/peas	Thixo index	Gel/min time (on a 200 gr mass at 20 °C, 1% of MEKP 50)	Density
Eurogel GCP-512	Spray application	✓		120 – 170	≥ 4	10 – 20	1,25
Eurogel GCP-522	Brush	✓		400 – 450	≥ 4	10 – 20	1,25
Eurogel GCP-512 AD (auto-démoulant)	Spray application	✓		90 – 150	≥ 4	10 – 20	1,25
Eurogel GCTC-512	Spray application		✓	120 – 170	≥ 4	10 – 20	1,25
Eurogel GCTC-511	Spray application		✓	120 – 170	≥ 4	25 – 30	1,25
Eurogel GCTC-522	Brush		✓	400 – 450	≥ 4	10 – 20	1,25
Eurogel GCTC-521	Brush		✓	400 – 450	≥ 4	25 – 30	1,25

EUROGEL[®] Gel Coat

Eurogel GCP/GCTC 600 100% iso basis series

MARKETS

- Navy, sanitary, industry, vehicles, building.
- Specially formulated to meet the most demanding requirements resistance to the elements. High hydrolysis resistance.

Reference	Application mode	Molding	Finishing touch	Viscosity/peas	Thixo index	Gel/min time (on a 200 gr mass at 20 °C, 1% of MEKP 50)	Density	Properties of the polymerized base resin					
								Tensile strength (Mpa)	Tensile modulus elasticity (Mpa)	Bending strength (Mpa)	Bending modulus elasticity (MP)	Elongation at rupture (%)	HDT/ °C
Eurogel GCP-612	Spray app	✓		120 – 170	≥ 5	15 – 20	1,1	80	3300	130	3400	4	90
Eurogel GCP-612 FTS	Spray app	✓		120 – 200	≥ 5	30 – 35	1,35	80	3300	130	3400	4	92
Eurogel GCP-611	Spray app	✓		120 – 170	≥ 5	25 – 30	1,1	80	3300	130	3400	4	90
Eurogel GCP-622	Brush	✓		400 – 450	≥ 5	15 – 20	1,1	80	3300	130	3400	4	90
Eurogel GCP-621	Brush	✓		400 – 450	≥ 5	25 – 30	1,1	80	3300	130	3400	4	90
Eurogel GCTC-612	Spray app		✓	120 – 170	≥ 5	15 – 20	1,1	80	3300	130	3400	4	90
Eurogel GCTC-611	Spray app		✓	120 – 170	≥ 5	25 – 30	1,1	80	3300	130	3400	4	90
Eurogel GCTC-622	Brush		✓	400 – 450	≥ 5	15 – 20	1,1	80	3300	130	3400	4	90
Eurogel GCTC-621	Brush		✓	400 – 450	≥ 5	25 – 30	1,1	80	3300	130	3400	4	90

EUROGEL[®] Gel Coat

Eurogel HQ-212/HQ-212 TC Iso-NPG series

MARKETS

- Navy, swimming pool, spa, industry, vehicles, building
- Very high level of hydrolysis strength, ultraviolet-rays and the sea environment.

reference	Application mode	Molding	Finishing touch	Viscosity/peas	Thixo index	Gel/min time (on a 200 gr mass at 20 °C, 1% of MEKP 50)	Density
Eurogel HQ-212 FTS	Spray application	✓		120 – 180	≥ 5	15 – 25	1,2
Eurogel HQ-212	Spray application	✓		120 – 180	≥ 5	20 – 30	1,3
Eurogel HQ-211	Spray application	✓		120 – 180	≥ 5	35 – 45	1,3
Eurogel HQ-2412	Projection	✓		140 – 180	≥ 6	20 – 25	1,2
Eurogel HQ-222	Brush	✓		350 – 500	≥ 5	20 – 30	1,3
Eurogel HQ-221	Brush	✓		350 – 500	≥ 5	35 – 45	1,3
Eurogel HQ-212 TC	Spray application		✓	120 – 180	≥ 5	20 – 30	1,3
Eurogel HQ-211 TC	Spray application		✓	120 – 180	≥ 5	35 – 45	1,3
Eurogel HQ-222 TC	Brush		✓	350 – 500	≥ 5	20 – 30	1,3
Eurogel HQ-221 TC	Brush		✓	350 – 500	≥ 5	35 – 45	1,3

EUROGEL[®] Gel Coat

Eurogel GCP 800 100% vinylester basis series

MARKETS

- Moulds, tanks.
- Good strenght to temperature and chemical products. High brightness and firmness.

STANDARD SHADE

- Green, black, colourless.

reference	Application mode	Molding	Finishing touch	Viscosity/peas	Thixo index	Gel/min time (on a 200 gr mass at 20 °C, 1% of MEKP 50)	Density	Properties of the polymerized base resin					
								Tensile strenght (Mpa)	Tensile modulus elasticity (Mpa)	Bending strenght (Mpa)	Bending modulus elasticity (MP)	Elongation at rupture (%)	HDT/ °C
Eurogel GCP-812	Spray app	✓		120 – 170	≥ 5	10 – 15	1,1	72	3600	130	3700	2	135
Eurogel GCP-811	Spray app	✓		120 – 170	≥ 5	15 – 30	1,1	72	3600	130	3700	2	135
Eurogel GCP-852	Brush	✓		250 – 300	≥ 3,5	20 – 30	1,15	72	3700	130	3800	2,5	135

EUROGEL® Gel Coat

Special Topcoats

A series of topcoats developed to meet the specific needs of certain coating applications.

MARKETS

- Navy, vehicles, building, winery, wind energy, various industries (See also the Eurogel 500, 600, HQ and 800 ranges for our standard topcoats).

Reference	Application mode	Molding	Finishing touch	Viscosity/peas	Thixo index	Gel/min time (mass)	Density	Comments
Eurogel GCTC-312	Brush/Roller		✓	230 – 280	≥ 5	13 – 20 (2% MEKP50, à 20 °C sur 200 gr)	1,2	Excellent surface tension. Satin-gloss finish. High covering power, single-coat application possible depending on surface quality of substrate. Multi-coat application without intermediate sanding.
Eurogel GCTC-313	Brush/Roller		✓	230 – 280	≥ 5	8 – 15 (2% MEKP50, à 20 °C sur 200 gr)	1,2	Higher reactivity version.
Eurogel GCTC-1201	Brush/Roller		✓	170 – 250	2,5 – 4	35 – 45 (1% MEKP50, à 20 °C sur 200 gr)	1,5	Superior coverage, single-coat application possible. Satin-gloss finish. Built-in anti-bubble agent. Excellent cost/performance ratio.
Eurogel LP-TC 1201	Brush/Roller		✓	170 – 250	3 – 5	50 – 70 (2% MEKP50, à 23 °C sur 100 gr)	1,35	Long gel time, high thixo, superior covering power. One-coat application possible. Satin-gloss finish. Incorporated anti-bubble agent. Excellent cost/performance ratio.
Eurogel GCTC-10089	Brush/Roller		✓	300 – 500	4 – 6	10 – 15 (2% MEKP50, à 23 °C sur 200 gr)	1,38	Topcoat with built-in anti-slip (sand), for truck bed construction. High covering power, very good impact resistance.
Eurogel GCTC-3201 Blanc	Brush/Roller		✓	220 – 270	≥ 3	60 – 80 (2% MEKP50, à 23 °C sur 100 gr)	1,50	High-coverage one-coat topcoat for boat interiors. Gloss finish.

EUROGEL[®] Gel Coat

Touch-up products / Thickening pastes

MARKETS

- All the industries (navy, sanitary, pool, vehicles, building, wind energy, winery...)
For touch-ups at the bottom of molds, consult the brush versions of our Eurogel 500, 600, HQ and 800 ranges.

Reference	Application mode	Molding	Finishing touch	Viscosity/peas	Thixo index	Gel/min time (mass)	Density	Comments
Eurogel GCRTC	Brush/Spatula		✓	3000 – 6000	≥ 7	15 – 20	1,1	Thick, paraffin-embedded topcoat/retouching putty, iso-based, for retouching/repairing coatings. Good mechanical properties, high gloss.
Eurogel HQRTC	Brush/Spatula		✓	5000 – 10000	≥ 8	–	1,3	Thick, paraffin-coated topcoat/retouching putty, isoNPG-based, for retouching/repairing coatings. High mechanical properties and gloss.
Pâte FT-711 Incolore	Brush/Spatula	✓		5000 – 10000	≥ 7	30 – 60	1,1	Highly thixotropic paste, specially developed for thixotroping polyester gelcoats and enabling their use in manual applications (e.g. mold joints). Excellent water resistance, gloss and color retention.
Eurogel VE-RTC	Brush/Spatula		✓	3500 – 4500	–	7 – 8	1,2	High-quality putty based on unsaturated vinyl ester resin. Specially formulated for the repair of composite tools: Highly resistant to repeated thermal shock and chemical attack.