

TOOLING

Barrier-Coat

Protective layer applied directly behind the gelcoat, generally replacing the 1st layer of mat + vinyl ester or iso resin.

Reference	Application mode	Iso-vinylester basis	100% vinyl ester basis	Viscosity/peas	Thixo index	Gel/min time (on a 130 gr mass at 20 °C, 2% MEKP 50)	Laminable/min	Density (±0,5)	Comments
FSP-BC 1700	Spray app		✓	80 – 100	≥ 4	10 – 20	45	0,8 ± 0,05	Low viscosity, high reactivity.
FSP-BC 1700 T	Spray app		✓	180 – 220	≥ 5	10 – 15	45	0,8 ± 0,05	High thixotropy.

TOOLING

Machinable materials for models & master parts

Reference	Application mode	Basis	Viscosity/peas	Thixo index	Gel/min time (on a 130 gr mass at 20 °C, 2% MEKP 50)	Density (±0,5)	Share D firmness	HDT/ °C in plastic film	Comments
FSP-XT 4000	Manual/Extrusion	Polyester	3000 – 4000	≥ 6	130 – 170	0,95 – 1,0	55	45	Slow reactivity, especially suitable for single-coat, extrusion and flat-bed machine applications.
FSP-SP 3000	Spray application	Polyester / VE	400 – 500	≥ 3,5	3 – 8	0,6	68	60	Hybrid base, improved hardness and thermal resistance.

TOOLING

Reference	Application mode	Viscosity/peas	Thixo index	Gel/min time (on a 130 gr mass at 20 °C, 2% MEKP 50)	Density (±0,5)	Comments
EUROLAQUE BLANCHE	Brush or spray gun	120 – 150	≥ 5	15 – 20	1,05 – 1,25	Polyester lacquer for master part finishing, mold renovation and coatings. Easy to sand. High gloss. Good resistance over time.

TOOLING

Eurogel GCP 800 100% vinylester basis

MARKETS

- Molds, tanks
- Good temperature and chemical resistance. High gloss and hardness.

STANDARD SHADES

- Green, black, colourless.

Reference	Application mode	Molding	Finishing touch	Viscosity/peas	Thixo index	Gel/min time (on a 130 gr mass at 20 °C, 2% 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

TOOLING

Polyester primers for finishing models and master parts, and priming metal parts prior to painting

Reference	Application mode	Viscosity/ peas	Thixo index	Gel/min time (on a 200 gr mass at 20 °C, 1% MEKP 50)	Sandable/min	Density (± 0,05)	Comments
PRIMER 1206	Bucket/Machine	80 – 100	≥ 4	20 – 30	60	1,25	Easy to sand, low paper contamination. Good surface appearance, no porosity, satin finish. Allows rapid correction of surface imperfections. Low styrene emissions.
PRIMER 1207	Bucket/Manual	300 – 400	≥ 7,5	20 – 30	60	1,40	Re-aggregation finish coat. More viscous than PRIMER 1206 for greater thickness. Easy to sand, can be buffed to a satin finish. Demolding possible.
PRIMER 1202	Machine	70 – 80	≥ 4	3 – 6	30 – 45	1,15	Very high reactivity. Fast drying. Very good surface tension. Allows thinner thicknesses. Easy to sand. Low paper contamination. Excellent adhesion to cast iron and other metals. Corrosion-resistant. Low styrene content.
PRIMER 6000	Manual	4000 – 6000	≥ 4,5	5 – 15	120	0,95 – 1,05	Filler and repair coat before painting. PMEC 50 catalysis. Fast drying. Easy to sand. High stiffness and HDT.

TOOLING

RESIMER 800 100% basis vinylester

Excellent mechanical and chemical resistance. Good resistance to corrosion and hydrolysis.

RESIMOLD series

Fast, low-shrinkage mold system.

Reference	Accelerated	Thixotropic	Viscosity/peas	Density (±0,05)	Gel/min (on a 200 gr mass at 20 °C, 1% MEKP 50)	Pic exotherme/ °C ± 10 °C	Tensile strenght Mpa	Tensile modulus elasticity MPa	Bending strenght Mpa	Bending modulus elasticity MPa	Elongation at rupture %	HDT/ °C	Comments
Resimer 811	✓	✓	9 – 11	1,1	35 – 45	150	72	3600	130	3700	2	135	Low reactivity.
Resimer 812	✓	✓	9 – 11	1,1	15 – 25	150	72	3600	130	3700	2	135	High reactivity
Resimold 606 TA	✓	✓	65 – 80	1,3	15-20 (1,5% MEKP 50)	180	85		110		1,8	100	Low-shrinkage resin for mold production. Fast processing. Excellent dimensional stability.

TOOLING

Sprayable core material

Reference	Application mode	Viscosity/peas	Thixo index	Density (± 0,05)	Gel/min (on a 130 gr mass at 20°C, 2% MEKP 50)	Comments
FSP-SC 1527	Spray app	550 – 700	≥ 5	0,7	15 – 20	Application in sandwich construction, replacing fiberglass, felt, foam and other core products. High mechanical properties, high rigidity, no water absorption. Significant time savings, no chipping, application up to 5mm vertically without sagging. Improved surface appearance (low exotherm, limited shrinkage, reduced marking). Low system content.

TOOLING

TR Industries series

Mold release agents and maintenance products.

Reference	Description	Packaging
TR 104	Paste mould release wax, resistant to high-temperature applications.	400 gr box
TR 214	Wax remover/cleaner - Liquid, toluene-free.	1 gallon
TR 900	Cire liquide semi-permanente.	1 gallon
TR 905	Cleaning solvent - High-powered cleaner.	1 gallon
TR 910	Semi-permanent liquid pore filler = (liquid pore filler).	1 gallon
TR 940	Semi-permanent sprayable liquid wax = one shot.	1 gallon



Specialty Composites