

# 2023 NEW PRODUCTS

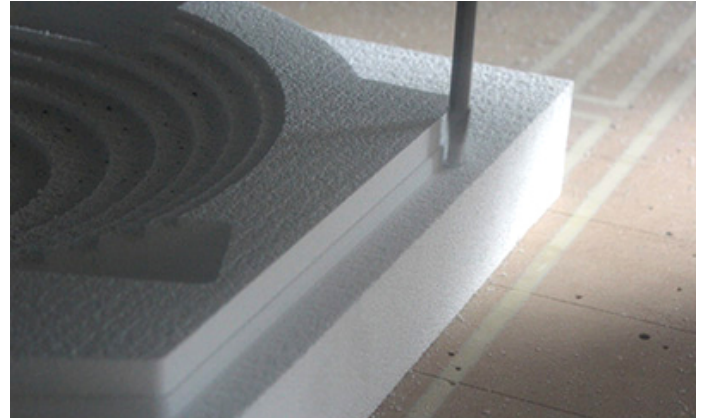


**W**ithin the new 2023 year, Euromere is back to its fundamentals and one of its stronger pillar that's development and innovating products. Always based on our market partnerships through direct customers and distribution network our R&D team invests to offer you customized solutions, however is your market segment in GRP composites industry.

## RESIMER EPS

Our new RESIMER EPS is a special low styrene content and low exotherm lamination resin especially formulated to suit with EPS foam models lamination. For customers who choose this technology, after EPS foam milling operations RESIMER EPS allows to build up a strong and resistant interface layer to protect the model's shape.

RESIMER EPS is thixotropic and pre accelerated.



MECHANICAL PROPERTIES	VALUE	NORM
Tensile strength	60-70 MPa	ISO 527
Elongation	3.5%	ISO 527
Flexural strength	100-110 MPa	ISO 178

PHYSICOCHEMICAL PROPERTIES	VALUE
Static viscosity	27 – 33 P
Gel time*	5 – 25 min
Peak time*	25 – 35 min
Peak temperature*	110 – 160 °C
Solid content	53 – 58%

EXPOSURE TIME	STYREN	ORTHOPHTALIC RESIN (35% STYREN)	RESIMER EPS
1 HOUR			
15 HOURS			



## PRIMER 6000

PRIMER 6000 is a low density surfacing primer. The formulation is set to be applied with a spatula on large surfaces with less effort as possible.

It's a really soft material easy to level to obtain a smooth surface. It contains a catalyst revelator, curing is fast and you will be able to sand the surface shortly to reshape your model or to achieve a half gloss before lacquer. Low density gives less weight to the composite part, easy workability and sanding. This unique formula will improve your operation of finishing.

MECHANICAL PROPERTIES	VALUE	NORM
Tensile strength	65 MPa	ISO 527
Young's modulus	3900 MPa	ISO 527
Elongation	2.2%	ISO 527
Flexural strength	120 MPa	ISO 178
Flexural modulus	3900 MPa	ISO 178
HDT	100 °C	ISO 75-2

PHYSICOCHEMICAL PROPERTIES	VALUE
Static viscosity	4000 – 6000 P
Gel time*	5 – 15 min
Density	0.95 – 1.05
Solid content	25 – 30%

\*Reactivity on 200ml with 2% P MEC at 20 °C

## EUROGEL VE-RTC VERT N10

As a "must have" product in our tooling offer, we introduce a spatulable topcoat as a putty to repair moulds. Based on our VINYLESTER 800 GELCOAT SERIES, it will perfectly fit to fill and repair cracks on your moulds surface with the same colour and gloss.

Catalyst with standard MEKP, fact cure and degassing. Available from 3kg tins



## **EUROLAQUE**

Our EUROLAQUE is an upgraded and "Ready to use" product that keeps all its processing behaviours. We adjust some sensitive details of our bestseller product to offer our customers the best surface quality with more tolerance. Catalyst with standard MEKP, easy to apply, easy to sand and polish to get a high gloss surface on you models.



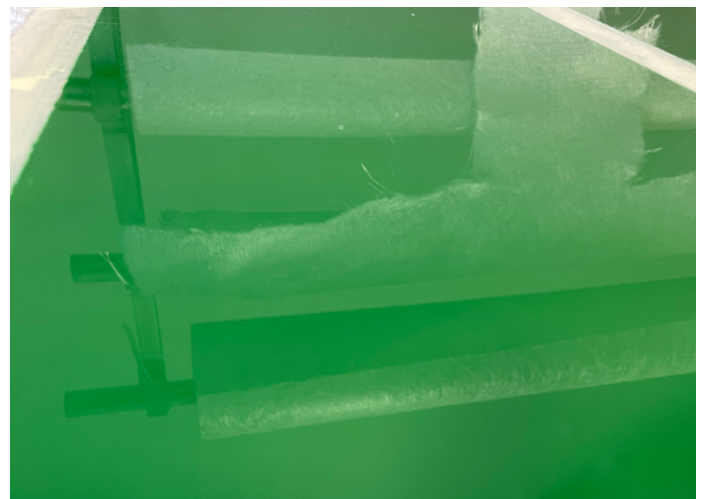
EUROLAQUE features optimum levelling, progressive hardness build up for easy sanding and hard surface for high gloss after cure.



## **EUROGEL GCP-852 VPM**

As best is your mould as less you need finishing operations on your parts. To those who produce small / medium parts, or prefer to apply brushable gelcoats, our lab team develop a new tooling vinylester gelcoat. Main properties are a really good covering product, very good stability on vertical surfaces or sharp edges, easy to brush. The GCP-852 VPM will also level itself to a smooth surface and regular thickness. Also it is catalysed with a standard MEKP and do not present porosities. EUROGEL GCP-852 VPM present also no sensitivity to fish eyes. With this tooling gelcoat on a good model surface finish, you will get a very high gloss and quality mould surface. It is also compatible with our vinylester repairing topcoat.

As a remember, for spraying quality, use the already well known EUROGEL GCP-812 VPM!

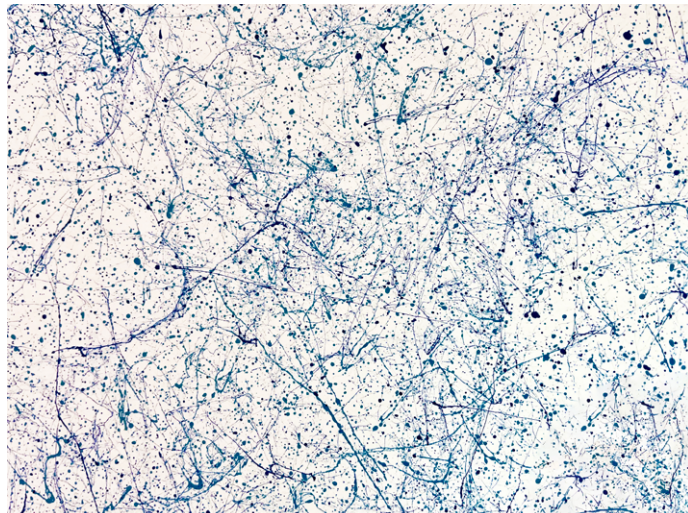


## EUROGEL WF (Webbing Finish)

EUROGEL WF is an effect additive to add into gelcoat that create some filament and drops effects.

Particularly used in swimming pool industry it can find also an interest in home staging, sanitary, furniture markets... Multi layers with various colours can be applied, as well as spray setting tune the filaments and drops size.

Uniform colour in finally sprayed as background.



STANDARD FORMULATION	
Gel in the desired shade	100 parts
Eurogel WF	30 parts
Acetone	20-30 parts
PMEC type catalyst	2 parts

## EUROGEL GCTC-3201 – MONO LAYER TOPCOAT

EUROGEL GCTC-3201 is a high covering monolayer brush/roll topcoat to the most demanding application. This new Top Coat is formulated on a modified Isophthalic base for optimum quality and efficiency that combine production cost with a good quality part finish.

Suit very well the application of boat hull/deck internal coating, covers, and all industrial parts.



MECHANICAL PROPERTIES	VALUE	NORM
Tensile strength	70 MPa	ISO 527
Young's modulus	4 220 MPa	ISO 527
Elongation	2.5 %	ISO 527
Flexural strength	120 MPa	ISO 178
Flexural modulus	4 090 MPa	ISO 178
HDT	75 °C	ISO 75-2

PHYSICOCHEMICAL PROPERTIES	VALUE
Static viscosity	220 – 270 P
Thixotropy	≥ 3
Gel time*	60 – 80 min

\*Reactivity on a 100g mass with 2% PMEAC at 23 °C

## RESIMER 3501 TH

RESIMER 3501 TH has been developed to the more demanding marine customers for bulkheads or additional parts assembling directly on infused support. It offered a good reinforcement wetting and impregnation properties as well as it do not sag on vertical and no tack surface. Easier to apply comparing to

a regular lamination resin the surface finish is good as well. RESIMER 3501 TH formulation optimize the adhesion properties on infused support and gives improved mechanical bonding and resistance.



MECHANICAL PROPERTIES	VALUE	NORM
Tensile strength	80 MPa	ISO 527
Young's modulus	3300 MPa	ISO 527
Elongation	4 %	ISO 527
Flexural strength	130 MPa	ISO 178
Flexural modulus	3400 MPa	ISO 178
HDT	92 °C	ISO 75-2

PHYSICOCHEMICAL PROPERTIES	VALUE
Dynamic viscosity	45 – 55 P
Gel time*	40 – 60 min
Peak time*	50 – 80 min
Peak temperature*	150 – 190 °C

\*Reactivity on a 200g mass with 1,5% P MEC at 20 °C

## EUROGEL GCP-612 FTS

EUROGEL GCP-612 FTS is a isophthalic unsaturated polyester resin based gel coat with low styrene content. It has been specially formulated to meet the most demanding requirements for resistance to the elements.

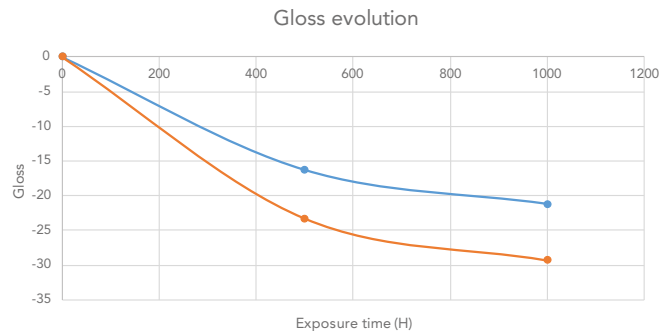
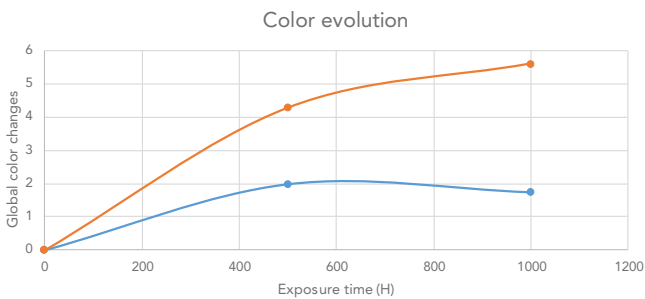
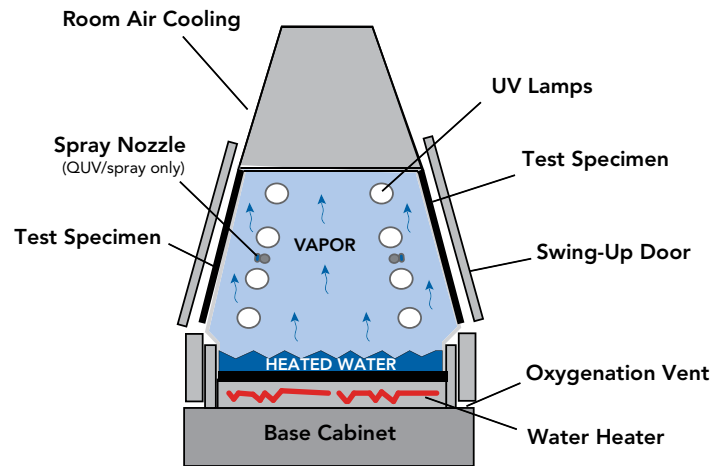
- Low styrene content
- Good resistance to external stresses
- High initial gloss
- Excellent gloss retention over time
- Stable application properties
- Easy to apply

PHYSICO-CHEMICAL PROPERTIES	GCP-612 FTS	GCP-612
Static viscosity	120 – 200 P	100 – 170 P
Thixotropy	≥ 5	≥ 5
Gel time*	30 – 35 min	30 – 35 min
Recovery time**	50 – 70 min	50 – 70 min
Density	1,30 – 1,40	1,20 – 1,30

\*Reactivity on a 200g mass with 1% P MEC at 20 °C

\*\*Reactivity on 600µm with 2% P MEC at 20 °C

The accelerated aging chamber with UV (QUV) reproduces the damage caused by the UV portion of sunlight, rain, and dew. To simulate natural aging, the QUV chamber exposes materials to alternate cycles of UV light and humidity at controlled high temperatures (4 hours of condensation at 50 degrees C, 4 hours of illumination at 60 degrees C).



- GCP-612 FTS white
- GCP-612 white