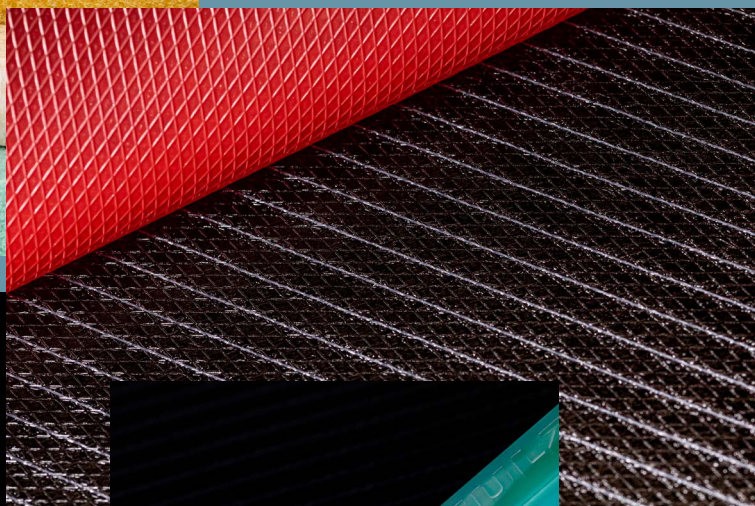


GURIT PRODUCT CATALOGUE

Core, Prepreg, SPRINT™,
Fire Retardant & Formulated Materials



About Gurit



Gurit is a leading global manufacturer of advanced composite materials. Gurit integrates structural design, materials science and process engineering to offer a complete turnkey composite solution.

Gurit is specialised in the development and manufacture of advanced composite materials. The comprehensive product range comprises fibre reinforced prepregs, structural core products, process coats, adhesives and laminating resins. Gurit supplies global growth markets with composite materials, composite tooling equipment, core material wind turbine blade kits and structural engineering. Gurit operates production sites and offices in Australia, Canada, China, Denmark, Ecuador, France, India, Italy, Mexico, New Zealand, Poland, Spain, Switzerland, Turkey, United Kingdom and the United States.

This catalogue covers Gurit's Marine and Industrial Business Unit, providing a comprehensive range of core, formulated and prepreg materials. Read more on www.gurit.com

How to use this Product Catalogue

This catalogue provides information on our core, prepreg, and formulated product portfolio of the Marine and Industrial Business Unit. Products from the Wind Business Units are not covered in this catalogue.

Gurit is well served by a network of representatives who hold stocks of Gurit products locally, and who act as a local point of contact for technical information and sales. A list of these representatives is given at the end of this publication.

Brief descriptions of each product and product group are given throughout to facilitate product selection, with full information on any product obtainable from the relevant technical datasheet. These are available on the Gurit website, www.gurit.com, or by contacting customer support. Contact details for customer support are given at the end of this publication.

The product catalogue structure is given in the contents page. For placing orders, contact details can be found at the end of this product catalogue. Please use the order codes provided to ensure that you obtain the correct products.

Some Gurit products are subject to export control restrictions and destinations subject to trade restrictions. Please contact your local Gurit Customer Support office for details.

Gurit Marine and Industrial Product Portfolio

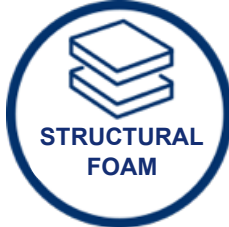


The product portfolio for the Gurit Marine and Industrial Business Unit comprises of 4 product categories and 15 key products. These products are all manufactured in volume and therefore have short lead times and/or have certain product codes held in stock. Additional specialist products are available and can be obtained via contacting Gurit sales and customer service representatives



PREPREG

- 75 RANGE** High performance, versatile curing system from 70°C
- 90 RANGE** Fast curing system for large industrial structures
- 140 RANGE** High performance, fast curing for press and autoclave
- 180 RANGE** High Tg Hot-in Hot-out capability in 5-10 minutes
- 130 FR RANGE** Non-halogen fire retardant system



STRUCTURAL FOAM

- Corecell™ M Foam** for high performance applications
- Corecell™ I Foam** for general applications
- Corecell™ S Foam** for subsea applications
- Gurit PVC** for general applications



PET FOAM

- KERDYN™** recycled sandwich foam
- KERDYN™ FR** recycled sandwich foam for fire retardant applications



EPOXY RESINS & ADHESIVES

- Ampreg™** Laminating Systems
- PRIME™** Infusion Systems
- AMPRO™** Multi-Purpose Systems
- Spabond™** Adhesive Systems

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Prepreg & SPRINT™ Materials



Prepreg Materials

Pre-impregnated materials (prepregs) are reinforcement fibres or fabrics into which a pre-catalysed resin system has been impregnated by a machine. The resin systems in these materials react very slowly at room temperature, giving rise to working times of many days or months. Prepreg resins can only be fully cured by heating them to the prescribed cure temperature. The accuracy of the machinery used to combine the fabric or fibre with the resin ensures that laminates produced from prepregs have more consistent and higher fibre contents than can be achieved by wet lay-up techniques. This allows the use of tough, strong resin systems that would be too high in viscosity to be impregnated by hand.

SPRINT™ Materials

SPRINT™ materials are essentially the same as a prepreg material but the reinforcement remains unimpregnated by the resin film. SPRINT™ comes in 2 formats:

- 1) A single fabric reinforcement attached to a resin film on one side; or
- 2) Two dry fabrics either side of a resin film.

SPRINT™ materials are laid up in a mould and vacuum bagged as for conventional prepreg. However, when the vacuum is applied, the air transport properties of the dry reinforcement enable air trapped in the fibre bundles and between layers to be easily removed. When the temperature is then raised for the cure, the resin film softens and flows into the air-free reinforcement. The void content of the resultant laminate is extremely low (typically 0-0.5%).

Fibre Definitions of HEC, IMC, HMC and UHMC

Fibre	Description	Strength (MPa)	Modulus (GPa)
HEC	High Elongation Carbon	> 4000	227 to 257
IMC	Intermediate Modulus Carbon	> 4400	275 to 310
HMC	High Modulus Carbon	> 4300	365 to 405
UHMC	Ultra-High Modulus Carbon	> 4000	420 to 455

The table above provides indicative values and does not constitute a specification. Bespoke products are available for high-volume custom applications, where specific variants of width, resin content, fibre weight, tack levels and backers can be requested. For specific enquiries please contact your local customer support representative.

Gurit prepreg product formats are described as one of the following:

SE	Prepreg material	ST	SPRINT format, single or double fabric
SA	Adhesive film	SF	Surfacing film
1PA	Single release paper applied to one side	1PO	Single poly backer applied to one side
POPA	1 poly backer & 1 paper applied to either side	2DPE	two poly backers applied to each side

Product Selector

Prepreg Resin System	Process / Cure Schedule	System Name	Max Temp	Technical Datasheet
75 Range - High performance system - Versatile fast curing from 70 to 120 °C - Optimised handling and out life for large structure manufacture	Vacuum Bag: 35 mins at 120°C 12 hrs @ 70°C	SE 75	125 °C	 Download PDF
		SE 90	120 °C	
90 Range - Fast curing system for large industrial composite structures. - Available in prepreg and semi-preg formats - Optimised for heavy weight glass and carbon reinforcements (300 – 1800gsm)	Vacuum Bag: 12 hrs @ 70°C 45 mins at 120°C	ST 90	120 °C	 Download PDF
		SA 75-90	125 °C	 Download PDF
75 & 90 Ancillaries - Toughened epoxy adhesive film - SPRINT™ sandable surfacing film - Mono-component epoxy system	Vacuum Bag: Fully compatible with the 75 and 90 ranges	SF 75-90	125 °C	 Download PDF
		MP 75-90	125 °C	 Download PDF
140 Range - High performance fast curing systems for press and autoclave applications - Flow controlled to produce high quality parts with high cosmetic finish 10 minute Hot in Hot Out (HiHo) capability	Press (HiHo): 10 mins at 135°C Autoclave: 20 mins at 135°C	SE 140	140 °C	
180 Range - High performance fast curing system for press applications - Flow controlled to produce high quality parts with high cosmetic finish 5 minute Hot in Hot Out (HiHo) capability	Press (HiHo): 5 mins at 150°C	SE 180	175 °C	 Download PDF
130FR Range - Non halogen fire retardant system capable of meeting stringent fire standards. - Fast curing and optimised with ancillary products to manufacture high quality monolithic and sandwich structures at lowest total manufacturing cost	Vacuum Bagging, Autoclave, or Compression Moulding: 6 hrs @ 85°C 45 mins at 120°C	SE 130FR	120 °C	 Download PDF
		ST 130FR	120 °C	 Download PDF
		SF 130FR	120 °C	 Download PDF

75 Range

SE 75 is a new generation, hot melt, performance epoxy prepreg for large open mould structures. SE75 builds on the established heritage and performance of SE 84LV, with more versatile cure possibilities: 12 hours at 70°C (158°F), 6 hours at 80°C (176°F) or 35 minutes at 120°C (248°F).

SE 75 has exceptional mechanical and thermal performance and an 8-week shelf life at 18-22°C. It is suitable for a wide range of Marine and Industrial applications and is specifically formulated for large open mould vacuum processes.

Product Code Selector (Consult local sales teams for full product code listings)

SE 75-T1	Reinf. Wt g/m ²	Width mm	Resin Content %	Format	Length lm	Roll Size m ²	Order Code	Notes
Unidirectional High Elongation Carbon (HEC)								
HEC	150	400	37%	POPA	200	80	PC53-7448	
HEC	200	400	37%	2DPE	200	80	PC53-7708	
HEC	300	400	35%	POPA	150	60	PC53-7450	
HEC	450	400	35%	2DPE	100	40	PC53-7822	
HEC	600	1200	34%	2DPE	150	180	PC53-7823	
Unidirectional Intermediate Modulus Carbon (IMC)								
IMC	150	400	37%	2DPE	200	80	PC53-7826	
IMC	300	400	35%	POPA	150	60	PC53-7715	
IMC	450	400	35%	2DPE	100	40	PC53-7828	
Unidirectional High Modulus Carbon (HMC)								
HMC	150	400	37%	2DPE	200	80	PC53-7824	
HMC	300	400	35%	POPA	150	60	PC53-7737	
Woven Products								
NPP80	80	1000	50%	1PA	100	100	PC15-7719	
RC200T	200	1270	42%	1PO	50	63.5	PC13-7458	
RC416T	415	1270	42%	2DPE	30	38.1	PC13-7531	
RC660T	660	1270	42%	2DPE	20	25.4	PC13-7659	
RE295	295	1240	40%	1PO	50	62	PC11-7717	
RE301H8	300	1270	37%	2DPE	50	63.5	PC11-7462	
RF300T	300	1270	56%	POPA	50	63.5	PC17-7842	
Multi-axial Stitched Products								
XC305	300	1270	40%	1PO	50	63.5	PC23-7838	
XC411	410	1270	40%	1PO	30	38.1	PC23-7687	
XC611	610	1270	42%	2DPE	25	31.7	PC23-7588	
XF350	350	1270	56%	POPA	50	63.5	PC27-7843	

90 Range

The 90 range is a hot melt, industrial epoxy prepreg optimised for very large open mould structures. It is a cost-effective solution where heavy weight reinforcements are key for high deposition rates for large structural components. The range is available in prepreg (SE) and SPRINT™ (ST) formats. The SE 90-T0 is a low tack resin that is optimised for thick section uni-directional laminates and builds on the heritage of the Sparpreg™ range.

The 90 range delivers good mechanical and thermal performance with flexible curing characteristics combining fast cure times and low exotherms, even in thick sections. It has an 8-week shelf life at 18-22°C and is suitable for a wide range of Marine and Industrial applications and is specifically formulated for large open mould vacuum processes and for use with heavy weight reinforcements.

Product Code Selector (Consult local sales teams for full product code listings)

SE 90-T0	Reinf. Wt g/m ²	Width mm	Resin Content %	Format	Length lm	Roll Size m ²	Order Code	Notes
Unidirectional High Elongation Carbon (HEC) and Glass (EGL)								
HEC	450	400	34%	2DPE	125		PA53-7852L	
HEC	600	400	34%	2DPE	100		PA53-7853L	
EGL	1200	1200	34%	2DPE	200		PA51-7856L	

SE 90-T1	Reinf. Wt g/m ²	Width mm	Resin Content %	Format	Length lm	Roll Size m ²	Order Code	Notes
Woven Products								
WRE581T	580	1250	35%	2DPE	200		PA11-7860L	
WRE850T	850	1250	35%	2DPE	200		PA11-7861L	
Multi-axial Stitched Products made with SE90 T1								
XE603	600	1255	35%	2DPE	300		PA21-7857L	
XE905	900	1270	43%	2DPE	200		PA21-7858L	
QE1200	1200	1270	42%	2DPE	100		PA21-7859L	

ST 90-T1	Reinf. Wt g/m ²	Width mm	Resin Content %	Format	Length lm	Roll Size m ²	Order Code	Notes
Woven Products								
RC303T	300	1270	42%	1PA	100	127	SA13-7960L	
RC416T	415	1270	42%	1PA	100	127	SA13-7912L	
RC660T	660	1270	42%	1PA	103	130.8	SA13-7962L	
RE400T	400	1250	35%	1PA	100	125	SA11-7973	
WRE581T	580	1250	35%	1PA	100	125	SA11-7910L	
WRE850T	850	1250	35%	1PA	100	125	SA11-7975L	
Multi-axial Stitched Products								
XC411	410	1270	42%	1PA	100	127	SA23-7968L	
XC611	610	1270	42%	1PA	125	158.8	SA23-7969L	
XE603	600	1255	35%	1PA	150	188.3	SA21-7909L	
QE600	600	1200	33%	1PA	50	60	SA21-7984L	
QE1200	1200	1270	42%	1PA	80	117	SA21-7990L	

SA 75-90 and SF 75-90 Range

The SA 75-90 and SF 75-90 range of adhesive and surfacing films have been created for use with the 75 and 90 prepreg ranges. SA 75-90 adhesive film is designed for sandwich laminate manufacture, bonding prepreg skins to structural cores.

SF 75-90 is available as filled surface films to offer an improved surface for painting or as a lighter weight toughened film to protect the underlying laminate and ideally suited to parts which do not require such a high-quality finish. Both adhesive and surfacing films have flexible curing behaviour to compliment the 75 and 90 prepreg and SPRINT™ products.

Product Code Selector (Consult local sales teams for full product code listings)

SA 75	Reinf. Wt g/m ²	Width mm	Resin Content %	Format	Length lm	Roll Size m ²	Order Code	Notes
SA 75 Adhesive Film								
SA75-90	Scrim	1270	150 gsm	1PA	100	127	PC11-7658	
SA75-90	No Scrim	1270	150 gsm	1PA	50	63.5	PC00-7815	
SA75-90	Scrim	1270	250 gsm	1PA	80	101.6	PC11-7575	
SA75-90	No Scrim	1270	250 gsm	1PA	75	95.2	PC00-7667	
SA75-90	Scrim	1270	300 gsm	1PA	80	101.6	PC11-7664	
SA75-90	No Scrim	1270	300 gsm	1PA	80	101.6	PC00-7784	
SF 75 Surfacing Film								
SF75-90	2 Scrim	1260	150 gsm	1PA	50	63	SA11-7577	
SF75-90	2 Scrim	1260	300 gsm	1PA	40	50.4	SA11-7595	
SFG75-90	2 Scrim	1255	150 gsm	1PA	50	62.8	SC11-7576	
Mono-component Intensifying Pastes								
MP75-90							FZ7355-32	Box 20

140 Range

SE 140 has been developed specifically for compression moulding and autoclave applications where cycle time is critical. Typical cure cycles are as follows:

Press - 10 minutes Hot-in Hot-out (HiHo) at 135 °C (275 °F)

Autoclave – 20 minutes dwell at 130 °C (266 °F)

SE 140 is a VOC free, low toxicity formulation with controlled flow to maximise part quality in matched tooling compression moulding and autoclave curing. It has excellent mechanical properties and thermal performance suitable for off-line paint processes with a Tg of 140 °C. It has a 4-week shelf life at 18-22 °C and is suitable for a wide range of applications that utilise compression moulding for high volume component manufacture.

Product Code Selector (Consult local sales teams for full product code listings)

SE 140	Reinf. Wt g/m ²	Width mm	Resin Content %	Format	Length lm	Roll Size m ²	Order Code	Notes
Unidirectional High Elongation Carbon (HEC)								
HEC	150	1250	35%	POPA	150	187.5	PA53-7761	
HEC	300	1250	35%	POPA	150	187.5	PA53-7762	
Woven Products								
RC245T	245	1250	40%	2DPE	50	62.5	PA13-7647	
RC380T	380	1250	40%	2DPE	46	57.5	PA13-7648	
RC660T	660	1270	38%	POPA	34	43.2	PA13-8045	
RF300T	300	1270	56%	POPA	50	63.5	PA17-7650	
Woven Products								
SF 140	2 Scrim	1260	300 gsm	1PA	40	50.4	SA11-7763	

180 Range

SE 180 has been developed specifically for compression moulding applications where high Tg and fast processing times are required: Press 5 minutes HiHo at 150 °C (302 °F)

SE 180 has excellent mechanical and thermal performance with a Tg = 175 °C (347 °F)

Product Code Selector (Consult local sales teams for full product code listings)

SE 180	Reinf. Wt g/m ²	Width mm	Resin Content %	Format	Length lm	Roll Size m ²	Order Code	Notes
Unidirectional High Elongation Carbon (HEC) and Glass (EGL)								
HEC	150	600	39%	POPA	150	90	PA53-7800	
HEC	200	600	39%	POPA	125	75	PA53-7802	
HEC	300	600	35%	POPA	95	57	PA53-7804	
Woven Products								
RC245T	245	1250	42%	2DPE	50	62.5	PA13-7297	
RC380T	380	1250	42%	POPA	32	40	PA13-6630	

130FR Range

130FR is a low smoke halogen free epoxy prepreg system designed for structural applications. It has been tested to the stringent European standard EN45545 with a rating of HL2 in R1, R7 and R17 for monolithic laminates. 130FR is designed for use in open moulding and autoclave processing with low temperature and fast cure characteristics:

- 6 hrs at 85 °C (185 °F),
- 45 minutes at 120 °C (248 °F)

130FR is suitable for use with fire retardant structural cores to manufacture sandwich structures.

The 130FR range also contains a fire-retardant adhesive film for core bonding and a fire-retardant surfacing film to provide a high-quality surface for paint application.

Product Code Selector (Consult local sales teams for full product code listings)

SE 130FR	Reinf. Wt g/m ²	Width mm	Resin Content %	Format	Length lm	Roll Size m ²	Order Code	Notes
Unidirectional High Elongation Carbon (HEC)								
HEC	300	400	45%	POPA	100	40	PA53-7134	
RC416T	415	1270	48%	2DPE	25	31.8	PA13-7940	
XC411	410	1270	48%	2DPE	40	50.8	PA23-7948	
ST 130FR	Reinf. Wt g/m ²	Width mm	Resin Content %	Format	Length lm	Roll Size m ²	Order Code	Notes
Woven Products								
RC416T	415	1270	48%	1PA	66	83.8	SA13-7945L	
WRE581T	580	1250	42%	1PA	100	125	SA11-7950	
WRE850T	850	1250	42%	1PA	20	25	SA11-7951	
Multi-axial Stitched Products								
XC411	410	1270	48%	1PA	100	127	SA23-7947L	
XE603	600	1255	42%	1PA	25	31.4	SA21-8014L	
Adhesive Films								
SA130FR	scrim	1270	250 gsm	1PA	80	101.6	PA11-7954	
SA130FR	scrim	1270	400 gsm	1PA	60	76.2	PA11-7955	
Surface Film								
SF130FR	2 scrim	1255	200 gsm	1PA	50	62.7	SA11-7953	

Core Materials



Introduction

Cores in a sandwich construction are specified by designers and architects to increase stiffness and reduce the weight of a composite structure. Gurit has a range of core materials to fit any specification or manufacturing process.

Product Selector

Type	Product	Typical Applications	Technical Datasheet
SAN	Corecell™ I	- General-purpose SAN core for marine and industrial application - Superior stiffness for high in-plane compressive loads - Compatible with prepreg processing - Cost-effective	 Download PDF
	Corecell™ M	- High performance foam, ideal for marine applications - High shear strength and low density - Compatible with prepreg processing - High elongation for toughness	 Download PDF
	Corecell™ S	- Sub-sea buoyancy foam - High hydrostatic crush strength and water resistance - High impact resistance/damage tolerance - Ultra-fine cell size	 Download PDF
PET	Kerdyn™	- Up to 100% recycled PET content - All-purpose foam - Suitable for all sandwich applications - Superior strength & stiffness : weight ratio - Outstanding chemical resistance - High thermal insulation properties - Water resistant	 Download PDF
	Kerdyn™ FR	Fire retardant version available	 Download PDF
PVC	Gurit PVC	- All-purpose foam - Suitable for all sandwich applications - Superior strength & stiffness:weight ratio - Outstanding chemical resistance	 Download PDF
	Gurit PVC HT	High temperature processing up to 140°C	 Download PDF

Core Kitting

Core kitting by Gurit offers the following benefits to customers:

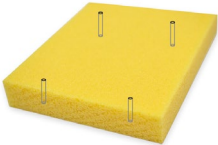
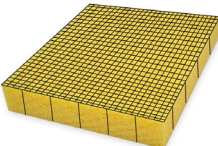
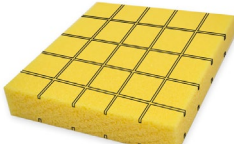
- Reduced labour time
- Reduced waste levels
- High level of accuracy
- Improved overall quality

Wherever they are in the world, Gurit provides a local kitting service to its industrial and marine customers. Using either 5-Axis, or 3-Axis CNC machines, along with a range of semi-automatic machines and manual tools, the company's full range of core materials - Gurit Corecell™, Gurit Kerdyn™ Green or Gurit PVC can be converted into customised, labelled and ready-to-use kits, based on the customer's drawings or 3D model.

Gurit has developed specific knowledge and experience of correct flute and clearance angles to provide optimum cutting conditions. This allows for quick cutting to minimise cost, accurate cutting for component dimensions, and fine cutting to allow the best nesting routines, so maximising yield rates and minimising waste.

Forms of Supply

Gurit standard product forms are described below. Gurit can also tailor sheets to your own specification.

REF	Description	
PL	Plain Sheet – Optimum material properties. Limited bending in-mould.	
PH	Plain with Bleeder Holes – Assists air release in vacuum bag processes.	
SC	Single Cut – Provides flexibility in a single direction on one or both sides. If on both sides, the cuts intersect so no bleeder holes are necessary.	
DC	Double Cut – Provides optimum flexibility in two directions on one or two sides. If Double-Cut on both sides, the intersecting cuts make DC a highly effective resin infusion medium.	
TC	Triple Cut – Provides maximum flexibility. On the top side of the sheets, cuts are performed in the transverse direction, in equally separated groups of 3 lines. On the reverse side, the style used is the double-cut.	
CS	Contour Scrim – Provides optimum flexibility in two directions. Sheets are cut in 30mm squares and bonded to a glass scrim.	
VIC	Vacuum Infusion Core – There are several VIC options and Gurit can customise grooving patterns and bleeder holes as required. Heat-forming of the VIC surface cut is also useful for obtaining curved panels with minimal resin uptake.	

Structural Foam

Gurit Corecell™ is a structural foam core material made using a SAN polymer base. It features high toughness and impact resistant characteristics combined with very low resin absorption. Gurit Corecell™ has become widely accepted for the construction of large, high-performance structures. Although originally developed for the marine industry, it is now used in a range of other applications such as wind turbines, sub-sea vessels and industrial. Gurit Corecell™ grades have various approvals including the American Bureau of Shipping (ABS), Det Norske Veritas (DNV), Registro Italiano Navale (RINA), Bureau Veritas (BV), Lloyd's Register (LR) and Indian Register of Shipping (IRS). Please check for additional product approvals. Please note: Maximum unbonded thicknesses can vary across Gurit sites. Please contact your local Gurit representative for more information

[Gurit Corecell™ I](#)

Gurit Corecell™ I is a general purpose SAN foam for marine and industrial applications. Providing well balanced mechanical properties with high shear modulus and inherent toughness. Its fine cell size reduces the resin absorption, saving both weight and cost. It is suitable for all composite processes including prepreg and is compatible with epoxy, polyester and vinylester resin systems. Gurit Corecell™ I benefits from DNV and ABS certifications.

Product Code Selector

Corecell™ I	Short Edge Marking	Nominal Density	Half Sheet Size	Nominal Sheet Size	Unbonded Thickness Range	Notes
		kg/m ³	mm	mm	mm	
I40	Red	45	NA	965x1448	3-60	Pink foam colour
I60	Green	65	1285x1285	1285x2605	3-55	
I80	Blue	85	1220x1220	1220x2440	3-53	
I100	Black	105	1130x1130	1130x2275	3-48	

Gurit Corecell™ M

Gurit Corecell™ M is a high-performance foam, featuring extremely high resistance to impact, slamming and fatigue, suitable for all marine applications across all sectors. Combining high static properties, unmatched toughness and compatibility with infusion, prepreg, SPRINT™ and wet lamination processes. Gurit Corecell™ M benefits from American Bureau of Shipping (ABS), Det Norske Veritas (DNV), Registro Italiano Navale (RINA), Lloyd's Register (LR), Indian Register of Shipping (IRS) and Bureau Veritas (BV) certification.

Product Code Selector

Corecell™ M	Short Edge Marking	Nominal Density	Half Sheet Size	Nominal Sheet Size	Unbonded Thickness Range	Notes
		kg/m ³	mm	mm	mm	
M60	Yellow + Green	65	1285x1285	1285x2605	3-55	
M80	Yellow + Blue	85	1220x1220	1220x2440	3-53	
M100	Yellow + Black	107.5	1130x1130	1130x2275	3-48	
M130	Yellow + Light Brown	140	1015x1015	1015x2045	3-46	
M200	Yellow + Brown	200	915x915	915x1830	3-32	

Gurit Corecell™ S

Gurit Corecell™ S has been developed primarily to resist hydrostatic pressures in sub-sea applications. It is manufactured in two densities, ideal for the manufacture of buoyancy modules designed for depths of up to 1100 metres. It offers superior uniformity and more consistent density compared to resin-based syntactics.

Product Code Selector

Corecell™ S	Short Edge Marking	Nominal Density	Half Sheet Size	Nominal Sheet Size	Unbonded Thickness Range	Notes
		kg/m ³	mm	mm	mm	
S210 (S1200)	Black(Red)+Brown	210	890x890	889x1829	32 (25)	
S250	Black+Green	250	825x850	813x1727	31	
S315 (S1800)	Black (Red)+Mauve	315	785x785	787x1600	29 (21-23)	
S350	Black+Yellow	350	750x750	762x1524	28	
S400	Black+Red	400	715x720	711x1473	26.5	
S450	Black+Blue	450	685x700	686x1422	25	

Gurit PVC

Gurit PVC is a closed cell, cross-linked PVC foam. It provides high strength to weight ratio for all composite applications. Other key features include outstanding chemical resistance, low water absorption and excellent thermal insulation capabilities. Also offered is an HT version with increased heat resistance. Gurit PVC is approved by Det Norske Veritas (DNV), Registro Italiano Navale (RINA) and Lloyd's Register (LR)

Product Code Selector

Gurit PVC	Short Edge Marking	Nominal Density kg/m ³	Half Sheet Size mm	Nominal Sheet Size mm	Unbonded Thickness Range mm	Notes
40	Azure	40	945 x 1330	1330 x 2850	3-84	
48	Lilac	48	910 x 1270	1270 x 2730	3-80	
60	Yellow	60	1150 x 1120	1150 x 2450	3-78	
80	Green	80	1020 x 1080	1020 x 2180	3-72	
100	Red	100	950 x 1020	950 x 2050	3-68	
130	Blue	130	850 x 950	850 x 1900	3-58	
200	Brown	200	750x800	750 x 1600	3-48	
250	Green	250	700x750	700 x 1500	3-47	

Gurit PVC HT	Short Edge Marking	Nominal Density kg/m ³	Half Sheet Size mm	Nominal Sheet Size mm	Unbonded Thickness Range mm	Notes
HT60	Pink	60	1120 x 1200	1120 x 2400	3-78	
HT80	Light Yellow	80	1005 x 1070	1005 x 2150	3-75	
HT100	Light Orange	100	940 x 1015	940 x 2030	65	
HT130	Orange	130	850 x 950	850 x 1900	58	

PET Foam

Gurit Kerdyn™ is a recyclable, thermoplastic foam, produced with up to 100% recycled PET sourced from recycled plastic bottles. It features good mechanical properties, outstanding thermal resistance and stability, good behaviour in thermoforming and compatibility with all types of all types of composite processing. Gurit Kerdyn™ offers a cost-efficient solution compared to higher performance cores. The range offers both standard and fire-retardant versions.

Gurit Kerdyn™ is approved by Det Norske Veritas (DNV).

[Gurit Kerdyn™](#)

Product Code Selector

Kerdyn™	Short Edge Marking	Nominal Density kg/m ³	Half Sheet Size mm	Nominal Sheet Size mm	Unbonded Thickness Range mm	Notes
80	Blue	80	1005 x 1220	1005 x 2440	5-250	
100	Green	100	1005 x 1220	1005 x 2440	5-250	Sheet sizes in APAC and NA are as follows: 1220 x 2240
115	Black	115	1005 x 1220	1005 x 2440	5-250	
135	Black + Green	135	1005 x 1220	1005 x 2440	5-200	
150	Orange	150	1005 x 1220	1005 x 2440	5-200	
200	Black + Yellow	200	1005 x 1220	1005 x 2440	5-100	In 2023 sheet sizes in EMEA will also be: 1220 x 2440
235	Black + Brown	235	1005 x 1220	1005 x 2440	5-100	
250	Black + Blue	250	1005 x 1220	1005 x 2440	5-100	

[Gurit Kerdyn™ FR](#)

Product Code Selector

Kerdyn™ FR	Short Edge Marking	Nominal Density kg/m ³	Half Sheet Size mm	Nominal Sheet Size mm	Unbonded Thickness Range mm	Notes
80	Blue + Red	80	1005 x 1220	1005 x 2440	5-250	
115	Black + Red	115	1005 x 1220	1005 x 2440	5-250	
180	Brown + Red	180	1005 x 1220	1005 x 2440	5-100	

Epoxy Resins & Adhesives



Gurit manufactures a wide range of formulated resin products, based on epoxy chemistry. These formulations are unique combinations of chemicals that have been blended to yield products with characteristics optimised for their intended application.

The characteristics of thermosets mean that they can be formulated into a wide variety of forms, with many different liquid-state properties and cured properties.

There are 4 key formulated epoxy systems manufactured by Gurit:

- **AMPRO™ Multi-purpose:** Epoxy based, capable of performing as adhesives, coatings, filling compounds and laminating systems
- **Ampreg™ Laminating:** Epoxy based liquids, low viscosity for good wet-out, high strength and stiffness
- **PRIME™ Infusion:** Low viscosity, high performance epoxy-based liquids ideal for vacuum bag infusion and resin transfer moulding processes
- **Spabond™ Adhesive:** Epoxy based semi-liquids and pastes, high strength and durability

Gurit formulated products can be supplied in a wide range of formats, depending on customer needs.

AMPRO™ Multi-Purpose Systems

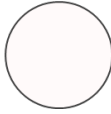
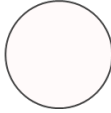


AMPRO™ is a simple to use, all-purpose epoxy which can be used for gluing, coating, laminating and filling. With its fast, low temperature curing hardener and easy 3:1 mix ratio by volume, AMPRO™ provides a quick and convenient way of using one epoxy system for a wide range of tasks.

- Professional boat-builder's choice for gluing, laminating and filling
- Superior protection for coating a wide range of woods
- Low toxicity, solvent-free formulation to protect the user
- Proprietary formulation, using next generation bio-based chemistry
- Superior properties: Improved flexibility & tack-free surface after cure
- Wide working window as low as +5°C and simple 3:1 mix ratio, helps to increase productivity

PRODUCT SELECTOR

The table below summarises all of the compatible AMPRO™ resins and hardeners.

System	Speed	Cured Colour	Mixed Viscosity**	150g Pot-Life**	Earliest Sanding Time**	Technical Datasheet
AMPRO™ ↳ For bonding, laminating & filling ↳ Cures at low temperatures (+5°C) ↳ 3 : 1 mix ratio by volume ↳ No surface residue after cure	Fast Slow Extra-Slow		970 cP 740 cP 690 cP	½ hour 1 ¼ hours 1 ½ hours	12 hours 16 hours 16 hours	 Download (PDF)
AMPRO™ BIO ↳ Accredited 40-60% bio-content ↳ For bonding, laminating & filling ↳ 3 : 1 mix ratio by volume ↳ No surface residue after cure	Fast Slow Extra-Slow		1260 cP 1100 cP 1050 cP	½ hour ¾ hours 1 hours	16 hours 20 hours 20 hours	 Download (PDF)
AMPRO™ Handipack ↳ Ideal for repairs & other small tasks ↳ Cures at low temperatures (+5°C) ↳ 3 : 1 mix ratio by volume ↳ No surface residue after cure	Fast		1000 cP	½ hour	12 hours	 Download (PDF)
AMPRO™ 115 ↳ Developed for cosmetic applications ↳ Low viscosity ultra-clear epoxy ↳ High levels of UV resistance	Slow		550 cP	1 ¼ hours		 Download (PDF)

AMPRO™ is designed to be used as a laminating or coating resin, or it can be modified using the following additives into a filler or adhesive mix.

Additives & Fillers (all quantities by weight)	Filler Mixes		Adhesive Mixes			Technical Datasheet
	Easy To Sand Brown	Water Resistant White	General Brown	General White	High Strength	
AMPRO™ Silica						
↪ Waterproof resin thickener						 Download (PDF)
↪ Fine waterproof, white powder, used to thicken the epoxy system	2 – 3%	3 – 5%	3 – 5%	4 – 6%	2 – 4%	
↪ Can be used with Glass Bubbles, Microballoons and Microfibres						
↪ Refer to the AMPRO™ datasheet for recommended mixes						
Glass Bubbles						
↪ Waterproof filling & bonding						
↪ White, hollow glass spheres for waterproof filling and bonding		35 – 40%		15 – 20%		
↪ Ideal as a finishing filler for hard wearing edges & surfaces						
↪ Refer to the AMPRO™ datasheet for recommended mixes						
Microballoons						
↪ Wood filling & bonding						
↪ Brown, hollow phenolic resin spheres ideal for wood applications	25 – 30%		15 – 20%			
↪ Easy to profile and sand for filling, filleting and bonding						
↪ Refer to the AMPRO™ datasheet for recommended mixes						
Microfibres						
↪ Structural bonding						
↪ Opaque, very fine cellulose wood fibres for structural bonding					7 – 10%	
↪ Suitable for both wood and GRP						
↪ Refer to the AMPRO™ datasheet for recommended mix						

***working time properties are highly subjective to ambient conditions and should be used as an approximate guideline for all AMPRO™ systems at 25°C. Please refer to the corresponding page of this document for specific testing methods used.*

Product Code Selector

System	Size	Units	Description	Order Code	Notes
AMPRO™ Packs	6 x 1.33	kg	AMPRO RES/HARD FAST 6x1.33KG PACK	F530-063	
	4.2	kg	AMPRO R/H FAST 4.2KG PACK	F530-050	
	6 x 1.33	kg	AMPRO RES/HARD SLOW 6x1.33KG PACK	F530-064	
	4.2	kg	AMPRO R/H SLOW 4.2KG PACK	F530-052	
	6 x 1.33	kg	AMPRO RES/HARD EX-SLOW 6x1.33KG PACK	F530-065	
	4.2	kg	AMPRO R/H EXTRA-SLOW 4.2KG PACK	F530-054	
AMPRO™ BIO Packs	6 x 1.3	kg	AMPRO BIO RES/HARD FAST 6x1.30KG PACK	F530-060	
	4.1	kg	AMPRO BIO R/H FAST 4.1KG PACK	F530-032	
	6 x 1.3	kg	AMPRO BIO RES/HARD SLOW 6x1.30KG PACK	F530-061	
	4.1	kg	AMPRO BIO R/H SLOW 4.1KG PACK	F530-034	
	6 x 1.3	kg	AMPRO BIO RES/HARD EX-SLOW 6x1.30KG PACK	F530-062	
	4.1	kg	AMPRO BIO R/H EXTRA-SLOW 4.1KG PACK	F530-036	
Handipack	0.375	kg	AMPRO HANDIPACK R/H+PUMPS 375g, BOX OF 12	F530-071	
AMPRO™ 115 Packs	5	kg	AMPRO 115 RESIN/HARD 5KG PACK	F110-036	
	1.32	kg	AMPRO 115 RESIN/HARD 1.32KG PACK	F110-045	
AMPRO™ Resins	1000	kg	AMPRO RESIN 1000KG	F530-008	
	206	kg	AMPRO RESIN 206KG	F530-007	
	20	kg	AMPRO RESIN 20KG A/F	F530-081	
	10	kg	AMPRO RESIN 10KG A/F	F530-080	
AMPRO™ BIO Resins	1000	kg	AMPRO BIO RESIN 1000KG	F530-012	
	200	kg	AMPRO BIO RESIN 200KG	F530-011	
	20	kg	AMPRO BIO RESIN 20KG A/F	F530-083	
	10	kg	AMPRO BIO RESIN 10KG A/F	F530-082	
AMPRO™ BIO Fast Hardeners	900	kg	AMPRO BIO HARD FAST 900KG	F530-074	
	200	kg	AMPRO BIO HARD FAST 200KG	F530-016	
	20	kg	AMPRO BIO HARD FAST 20KG A/F	F530-087	
	6	kg	AMPRO BIO HARD FAST 6KG A/F	F530-086	
	3	kg	AMPRO BIO HARD FAST 3KG A/F	F530-013	
AMPRO™ BIO Slow Hardeners	900	kg	AMPRO BIO HARD SLOW 900KG	F530-075	
	200	kg	AMPRO BIO HARD SLOW 200KG	F530-020	
	20	kg	AMPRO BIO HARD SLOW 20KG A/F	F530-091	
	6	kg	AMPRO BIO HARD SLOW 6KG A/F	F530-090	
	3	kg	AMPRO BIO HARD SLOW 3KG A/F	F530-017	
AMPRO™ BIO Extra-Slow Hardeners	900	kg	AMPRO BIO HARD EXTRA-SLOW 900KG	F530-076	
	200	kg	AMPRO BIO HARD EXTRA-SLOW 200KG	F530-024	
	20	kg	AMPRO BIO HARD EXTRA-SLOW 20KG A/F	F530-095	
	6	kg	AMPRO BIO HARD EXTRA-SLOW 6KG A/F	F530-094	
	3	kg	AMPRO BIO HARD EXTRA-SLOW 3KG A/F	F530-021	
AMPRO™ Fast Hardeners	900	kg	AMPRO HARD FAST 900KG	F530-077	
	200	kg	AMPRO HARD FAST 200KG	F530-040	
	20	kg	AMPRO HARD FAST 20KG A/F	F530-085	
	6	kg	AMPRO HARD FAST 6KG A/F	F530-084	
	3	kg	AMPRO HARD FAST 3KG A/F	F530-037	
AMPRO™ Slow Hardeners	900	kg	AMPRO HARD SLOW 900KG	F530-078	
	200	kg	AMPRO HARD SLOW 200KG	F530-044	
	20	kg	AMPRO HARD SLOW 20KG A/F	F530-089	
	6	kg	AMPRO HARD SLOW 6KG A/F	F530-088	
	3	kg	AMPRO HARD SLOW 3KG A/F	F530-041	
AMPRO™ Extra-Slow Hardeners	900	kg	AMPRO HARD EXTRA-SLOW 900KG	F530-079	
	200	kg	AMPRO HARD EXTRA-SLOW 200KG	F530-048	
	20	kg	AMPRO HARD EXTRA-SLOW 20KG A/F	F530-093	
	6	kg	AMPRO HARD EXTRA-SLOW 6KG A/F	F530-092	
	3	kg	AMPRO HARD EXTRA-SLOW 3KG A/F	F530-045	
AMPRO™ 115 Resins	1000	kg	AMPRO 115 RESIN 1000KG	F110-037	
	200	kg	AMPRO 115 RESIN 200KG	F110-039	
	20	kg	AMPRO 115 RESIN 20KG A/F	F110-041	
	10	kg	AMPRO 115 RESIN 10KG A/F	F110-043	
AMPRO™ 115 Hardeners	160	kg	AMPRO 115 HARDENER 160KG	F110-038	
	16	kg	AMPRO 115 HARDENER 16KG A/F	F110-040	
	6.4	kg	AMPRO 115 HARDENER 6.4KG A/F	F110-042	
	3.2	kg	AMPRO 115 HARDENER 3.2KG A/F	F110-044	

AMPRO™ packs are compatible with the following calibrated pump sets:

Description	1.3 kg Packs	4 kg Packs	13 kg Packs	26 kg Packs
AMPRO™ Pump Set	K216-320	K216-324	K216-325	K216-326

AMPRO™ resins and hardeners are compatible with the following dispense taps:

Description	10 – 20 kg Resins	200 kg Resins	3 – 6 kg Hardeners	20 kg Hardeners	200 kg Hardeners
Dispense Tap	K342-016	K342-010	K342-016	K342-015	K342-010

Ordering Quantity Guidelines

Note that relative ordering quantities are as follows:

System	Resin	Hardener
AMPRO™	2 x 1000KG IBC AMPRO™ Resin	3 x 200KG drum AMPRO™ Hardener
	3 x 200KG drum AMPRO™ Resin	1 x 200KG drum AMPRO™ Hardener
	1 x 200KG drum AMPRO™ Resin	3 x 20KG pail AMPRO™ Hardener
	1 x 20KG pail AMPRO™ Resin	1 x 6KG pail AMPRO™ Hardener
	1 x 10KG pail AMPRO™ Resin	1 x 3KG pail AMPRO™ Hardener
AMPRO™ BIO	2 x 1000KG IBC AMPRO™ BIO Resin	3 x 200KG drum AMPRO™ BIO Hardener
	3 x 200KG drum AMPRO™ BIO Resin	1 x 200KG drum AMPRO™ BIO Hardener
	1 x 200KG drum AMPRO™ BIO Resin	3 x 20KG pail AMPRO™ BIO Hardener
	1 x 20KG pail AMPRO™ BIO Resin	1 x 6KG pail AMPRO™ BIO Hardener
	1 x 10KG pail AMPRO™ BIO Resin	1 x 3KG pail AMPRO™ BIO Hardener
AMPRO™ 115	1 x 1000KG IBC AMPRO™ 115 Resin	2 x 160KG drum AMPRO™ 115 Hardener
	1 x 200KG drum AMPRO™ 115 Resin	4 x 16KG pail AMPRO™ 115 Hardener
	1 x 20KG pail AMPRO™ 115 Resin	1 x 6.4KG pail AMPRO™ 115 Hardener
	1 x 10KG pail AMPRO™ 115 Resin	1 x 3.2KG pail AMPRO™ 115 Hardener

Ampreg™ Laminating Systems



The Ampreg™ Series is Gurit's range of wet laminating systems for the manufacture of large composite structures in the marine, wind and construction industries.

Product Selector

System	Speed	Mix Ratio	Mixed Viscosity**	150g Pot-Life**	Max Temp**	Technical Datasheet
Structural Laminating Systems	Ampreg™ 30					
	Low initial mixed viscosity & good cure progression from ambient only cures.					
	Fast		900 cP	½ hour	74 °C	
	Standard	100 : 26	750 cP	1 hour	73 °C	
	Slow		350 cP	4 hours	71 °C	
	Extra-slow		300 cP	7 hours	70 °C	Download (PDF)
	Ultra-Slow	100 : 29	300 cP	9 ¾ hours	66 °C	
	Ampreg™ 31					
	Viscosity optimised for good fabric wet-out and drainage resistance.					
	Fast		1300 cP	½ hour	76 °C	
	Standard	100 : 26	1000 cP	1 hour	73 °C	
	Slow		500 cP	3 ½ hours	73 °C	
	Extra-slow		400 cP	6 hours	72 °C	Download (PDF)
	Ultra-Slow	100 : 29	375 cP	7 ¾ hours	66 °C	
	Ampreg™ 36					
	Improved fabric impregnation, Faster mechanical property generation, High flexural properties.					
	Fast		700 cP	½ hour	75 °C	
	Standard	100 : 29	450 cP	1 hour	73 °C	
	Slow		275 cP	3 ½ hours	70 °C	
	Extra-slow		200 cP	6 hours	69 °C	Download (PDF)
Specialty Laminating Systems	Ampreg™ 21FR					
	Fire retardant epoxy wet laminating system, with indicative FST performance evaluated FAR Part 25 (60s flame applied).					
	Fast		-	½ hour	-	
	Standard	100 : 17	-	1 ¼ hours	-	
	Slow		-	2 ¾ hours	-	
	Extra-slow		-	6 ¼ hours	-	Download (PDF)
	Ultra-Slow	100 : 18	-	7 hours	75.6	
	Ampreg™ AP					
	Adhesion promoter improves improves vinylester/epoxy adhesion & to enable use of polyester gelcoats.					
	Slow	100 : 26	600 cP	3-4 hours	66.7	Download (PDF)
	Extra-slow		500 cP	6-7 hours	63.2	
	Ampreg™ TP					
	Thixotropic Pregel is a resin additive, which is used primarily as a thixotrope - to be added to low viscosity laminating resins for applications where resin drainage is a concern.					
	Fast		-	½ hour	-	
	Standard	100 : 24	-	1 hour	-	
	Slow		-	3 ½ hours	-	
	Extra-slow		-	6 hours	-	Download (PDF)

**working time properties are highly subjective to ambient conditions and should be used as an approximate guideline for all Ampreg™ 3X systems at 25°C. Please refer to the corresponding page of this document for specific testing methods used.

Product Code Selector

Packs	Size	Units	Description	Order Code	Notes
Ampreg 30	1.26	kg	AMPREG30 R/H FAST 1.26KG PACK	F127-035	
	4.66	kg	AMPREG30 R/H FAST 4.66KG PACK	F127-034	
	1.26	kg	AMPREG30 R/H STANDARD 1.26KG PACK	F127-037	
	4.66	kg	AMPREG30 R/H STANDARD 4.66KG PACK	F127-036	
	1.26	kg	AMPREG30 R/H SLOW 1.26KG PACK	F127-039	
	4.66	kg	AMPREG30 R/H SLOW 4.66KG PACK	F127-038	
	1.26	kg	AMPREG30 R/H EXTRA-SLOW 1.26KG PACK	F127-041	
	4.66	kg	AMPREG30 R/H EXTRA-SLOW 4.66KG PACK	F127-040	
Ampreg 31	1.26	kg	AMPREG31 R/H FAST 1.26KG PACK	F127-071	
	4.66	kg	AMPREG31 R/H FAST 4.66KG PACK	F127-072	
	1.26	kg	AMPREG31 R/H STANDARD 1.26KG PACK	F127-075	
	4.66	kg	AMPREG31 R/H STANDARD 4.66KG PACK	F127-076	
	1.26	kg	AMPREG31 R/H SLOW 1.26KG PACK	F127-073	
	4.66	kg	AMPREG31 R/H SLOW 4.66KG PACK	F127-074	
	1.26	kg	AMPREG31 R/H EXTRA-SLOW 1.26KG PACK	F127-069	
	4.66	kg	AMPREG31 R/H EXTRA-SLOW 4.66KG PACK	F127-070	
Ampreg 36	1.16	kg	AMPREG36 R/H FAST 1.16KG PACK	F127-083	
	4.26	kg	AMPREG36 R/H FAST 4.26KG PACK	F127-084	
	1.16	kg	AMPREG36 R/H STANDARD 1.16KG PACK	F127-087	
	4.26	kg	AMPREG36 R/H STANDARD 4.26KG PACK	F127-088	
	1.16	kg	AMPREG36 R/H SLOW 1.16KG PACK	F127-085	
	4.26	kg	AMPREG36 R/H SLOW 4.26KG PACK	F127-086	
	1.16	kg	AMPREG36 R/H EXTRA-SLOW 1.16KG PACK	F127-081	
	4.26	kg	AMPREG36 R/H EXTRA-SLOW 4.26KG PACK	F127-082	
Resins	Size	Units	Description	Order Code	Notes
Ampreg 30	1000	kg	AMPREG30 RESIN 1000KG	F127-001	
	219	kg	AMPREG30 RESIN 219KG	F127-002	
	18	kg	AMPREG30 RESIN 18KG	F127-003	
Ampreg 31	1000	kg	AMPREG31 RESIN 1000KG	F127-077	
	219	kg	AMPREG31 RESIN 219KG	F127-079	
	18	kg	AMPREG31 RESIN 18KG	F127-078	
Ampreg 36	900	kg	AMPREG36 RESIN 900KG	F127-096	
	197	kg	AMPREG36 RESIN 197KG	F127-090	
	16.2	kg	AMPREG36 RESIN 16.2KG	F127-089	
Ampreg 21FR	257	kg	AMPREG 21FR RESIN 257KG	F122-005	
	15.85	kg	AMPREG 21FR RESIN 15.85KG	F122-004	
Adh. Promoter	20	kg	AMPREG ADHESION PROMOTER 20KG A/F	F127-117	
Thix. Pregel	195	kg	AMPREG THIXOTROPIC PREGEL 195KG	F127-092	
	19.5	kg	AMPREG THIXOTROPIC PREGEL 19.5KG	F127-091	

Hardeners	Size	Units	Description	Order Code	Notes
Fast	900	kg	AMPREG3X HARD FAST 900KG	F127-093	
	174	kg	AMPREG3X HARD FAST 174KG	F127-006	
	19	kg	AMPREG3X HARD FAST 19KG A/F	F127-008	
	4.68	kg	AMPREG3X HARD FAST 4.68KG A/F	F127-010	
Standard	900	kg	AMPREG3X HARD STANDARD 900KG	F127-097	
	174	kg	AMPREG3X HARD STANDARD 174KG	F127-013	
	19	kg	AMPREG3X HARD STANDARD 19KG A/F	F127-015	
	4.68	kg	AMPREG3X HARD STANDARD 4.68KG A/F	F127-017	
Slow	900	kg	AMPREG3X HARD SLOW 900KG	F127-098	
	174	kg	AMPREG3X HARD SLOW 174KG	F127-020	
	19	kg	AMPREG3X HARD SLOW 19KG A/F	F127-022	
	4.68	kg	AMPREG3X HARD SLOW 4.68KG A/F	F127-024	
Extra-slow	900	kg	AMPREG3X HARD EXTRA-SLOW 900KG	F127-094	
	174	kg	AMPREG3X HARD EXTRA-SLOW 174KG	F127-027	
	19	kg	AMPREG3X HARD EXTRA-SLOW 19KG A/F	F127-029	
	4.68	kg	AMPREG3X HARD EXTRA-SLOW 4.68KG A/F	F127-031	
Ampreg Ultra-Slow	194	kg	AMPREG HARD ULTRA-SLOW 194KG	F127-107	Only to be used with Ampreg 21FR, 30 or 31 resins
	16	kg	AMPREG HARD ULTRA-SLOW 16KG A/F	F127-108	
	5.22	kg	AMPREG HARD ULTRA-SLOW 5.22KG A/F	F127-109	

Ampreg™ and PRIME™ resins and hardeners are compatible with the following dispense taps:

Description	16 – 19 kg Resins	160 – 200 kg Resins	4 – 19 kg Hardeners	160 – 200 kg Hardeners
Dispense Tap	K342-016	K342-010	K342-016	K342-010

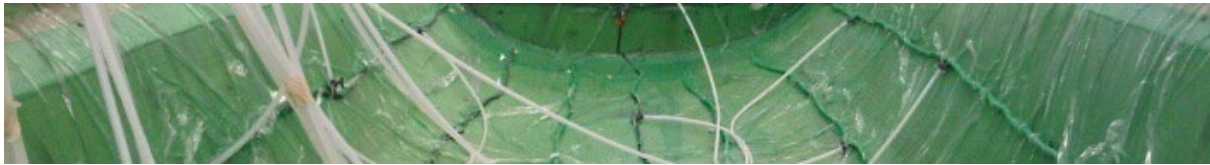
Ordering Quantity Guidelines

Note that relative ordering quantities are as follows:

System	Resin	Hardener
Ampreg™ 30 / 31	2 x 1000kg Ampreg™ 30 / 31 Resin	3 x 174kg Ampreg™ 3X Fast – Ex-Slow Hardeners
	1 x 219kg Ampreg™ 30 / 31 Resin	3 x 19kg Ampreg™ 3X Fast – Ex-Slow Hardeners
	1 x 18kg Ampreg™ 30 / 31 Resin	1 x 4.68kg Ampreg™ 3X Fast – Ex-Slow Hardeners
Ampreg™ 36	2 x 900kg Ampreg™ 36 Resin	3 x 174kg Ampreg™ 3X Fast – Ex-Slow Hardeners
	1 x 197kg Ampreg™ 36 Resin	3 x 19kg Ampreg™ 3X Fast – Ex-Slow Hardeners
	1 x 16.2kg Ampreg™ 36 Resin	1 x 4.68kg Ampreg™ 3X Fast – Ex-Slow Hardeners

For guidance on correct ordering quantities for speciality systems, please refer to the product datasheet or contact the Gurit technical support team.

PRIME™ Infusion Systems



PRIME™ infusion systems applications range from single-operation moulding of carbon yacht masts, yacht hulls up to 80', and wind turbine blades. PRIME™ epoxy infusion systems have been used successfully for over 20 years and today are at the forefront of the development of liquid epoxies for "under the bag" infusion processes, including:

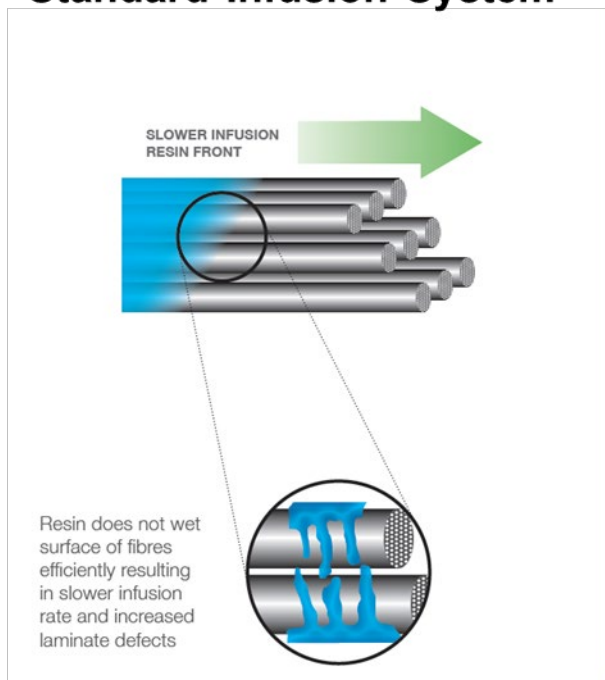
- SCRIMP™
- RIFT (resin infusion under flexible tooling)
- RTM / VARTM (vacuum assisted resin transfer moulding)

Versatile systems for a range of applications:

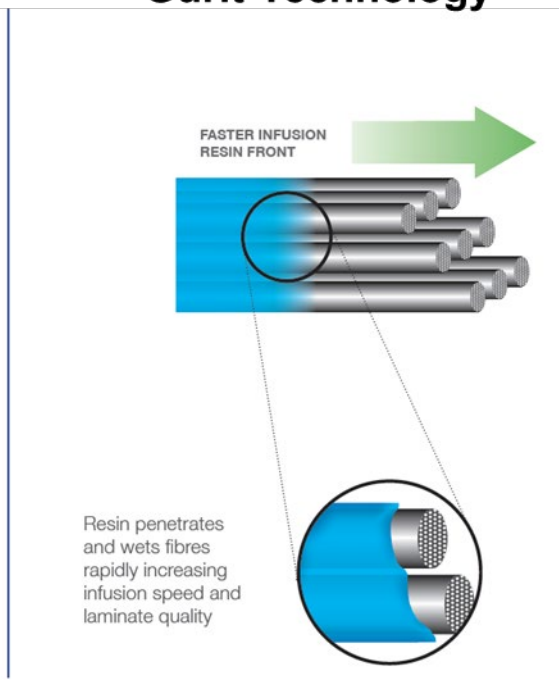
- PRIME™ 37 & A3X Hardeners – premium resin, bio-based as standard
- PRIME™ 37 & High Tg Hardener - print-resistant, cost-effective tooling solution
- PRIME™ 38 & High Tg Hardener – built-in UV & yellowing resistance
- PRIME™ 130 – preformable, rapid curing compression moulding resin
- PRIME™ 180-1 - high clarity resin & temperature resistance
- T-PRIME™ 130-1 - infusable tooling solution for most composite applications
- T-PRIME™ 160 - high temperature tooling resin

DNV & Lloyds Register Certified formats available

Standard Infusion System



Gurit Technology



Application Selector

	PRIME™ 37	PRIME™ 37 (+ High Tg)	PRIME™ 38	PRIME™ 130	PRIME™ 180-1	T-PRIME™ 130-1	T-PRIME™ 160
System Properties							
Mixed Viscosity (25°C)	150 - 500 cP	320 cP	320 cP	590 cP	280 cP	250 cP	390 cP
Typical Post-cure	16 hrs @ 50°C	5 hrs @ 100°C	5 hrs @ 100°C	¼ hr @ 130°C	1 hr @ 180°C	2 hrs @ 120°C	2 hrs @ 150°C
Maximum Tg	75°C	110°C	110°C	130°C	200°C	130°C	160°C
Resin Bio-based content	</=38%	</=38%	</=38%	-	-	-	-
Relative Cost per KG	€	€€	€€€	€€€	€€€€€	€€€€	€€€€€
USP	Bio-based, versatile A3X Hardeners	Print-resistant, cost-effective tooling solution	Yellowing Resistance	Fast Liquid Press Moulding	High clarity & Temperature resistance	Infusible Tooling solution	High Temperature Tooling Resin
Typical Applications							
Monolithic Laminates	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●
Sandwich Laminates	●●●●●	●●●●●	●●●●●			●●●●●	●●●●●
Composite Tooling	●●●●●	●●●●●	●●●●●			●●●●●	●●●●●
Cosmetic / Low Print	●●●	●●●●	●●●●●	●●●●	●●●●	●●●	●
Processing Method							
Vacuum Infusion	●●●●●	●●●●	●●●●	●	●●	●●●●●	●●●●
RTM / VARTM	●●●●●	●●●●●	●●●●●	●●	●●●●●	●●●●●	●●●●
Compression Moulding	●●	●●	●●	●●●●●	●●	●●	●●

System Selector

System	Speed	Mix Ratio	Mixed Viscosity**	150g Pot-Life**	Max Temp**	Technical Datasheet
PRIME™ SYSTEMS	PRIME™ 37 Resin					
	Premium performance infusion system with excellent fibre wetting and bio-based content as standard.	100 : 29	200 cP	1 hour	72 °C	
	DNV & Lloyd's Register certified.		200 cP	4 hours	74 °C	
			150 cP	10 ½ hours	64 °C	
		100 : 25	320 cP	5 hours	120 °C	Download PDF
	PRIME™ 38					
	Yellowing resistant, UV stable infusion resin system for high clarity applications. Contains bio-based content as standard.	100 : 24	320 cP	5 hours	120 °C	Please contact technical support
	PRIME™ 130					
	Designed for compression moulding applications where flexible working times are required for preforming followed by fast cure times.	100 : 26	590 cP	½ hour	130 °C	Please contact technical support
	PRIME™ 180-1					
	Designed for RTM processes for manufacturing high quality structural carbon components.	100 : 100	280 cP	1 ½ hours	160 °C	Please contact technical support

**working time properties are highly subjective to ambient conditions and should be used as an approximate guideline for all systems at 25°C. Please refer to the corresponding page of this document for specific testing methods used.

Product Code Selector

PRIME™ Systems	Size	Units	Description	Order Code	Notes
PRIME™ 37 Packs	4	Kg	PRIME37 R/H FAST 4KG PACK	F160-122	
	4	Kg	PRIME37 R/H STANDARD 4KG PACK	F160-123	
	4	Kg	PRIME37 R/H SLOW 4KG PACK	F160-108	
	4	Kg	PRIME37 R/H EXTRA-SLOW 4KG PACK	F160-109	
PRIME™ 37 Resins	1000	Kg	PRIME37 RESIN 1000KG	F160-105	
	197	Kg	PRIME37 RESIN 197KG	F160-106	
	16.2	Kg	PRIME37 RESIN 16.2KG A/F	F160-115	
Ampreg™ 3X Fast Hardener	900	kg	AMPREG3X HARD FAST 900KG	F127-093	Mix ratio is 100:29 (by weight)
	174	kg	AMPREG3X HARD FAST 174KG	F127-006	
	19	kg	AMPREG3X HARD FAST 19KG A/F	F127-008	
	4.68	kg	AMPREG3X HARD FAST 4.68KG A/F	F127-010	
Ampreg™ 3X Standard Hardener	900	kg	AMPREG3X HARD STANDARD 900KG	F127-097	Mix ratio is 100:29 (by weight)
	174	kg	AMPREG3X HARD STANDARD 174KG	F127-013	
	19	kg	AMPREG3X HARD STANDARD 19KG A/F	F127-015	
	4.68	kg	AMPREG3X HARD STANDARD 4.68KG A/F	F127-017	
Ampreg™ 3X Slow Hardener	900	kg	AMPREG3X HARD SLOW 900KG	F127-098	Mix ratio is 100:29 (by weight)
	174	kg	AMPREG3X HARD SLOW 174KG	F127-020	
	19	kg	AMPREG3X HARD SLOW 19KG A/F	F127-022	
	4.68	kg	AMPREG3X HARD SLOW 4.68KG A/F	F127-024	
Ampreg™ 3X Extra-slow Hardener	900	kg	AMPREG3X HARD EXTRA-SLOW 900KG	F127-094	Mix ratio is 100:29 (by weight)
	174	kg	AMPREG3X HARD EXTRA-SLOW 174KG	F127-027	
	19	kg	AMPREG3X HARD EXTRA-SLOW 19KG A/F	F127-029	
	4.68	kg	AMPREG3X HARD EXTRA-SLOW 4.68KG A/F	F127-031	
PRIME™ High Tg Hardener	900	kg	PRIME HIGH Tg HARDENER 900KG	F160-116	Only to be used with PRIME™ 37 resin. Mix ratio is 100:25 (by weight)
	167	kg	PRIME HIGH Tg HARDENER 167KG	F160-120	
	16.4	kg	PRIME HIGH Tg HARDENER 16.4KG A/F	F160-119	
	4.1	kg	PRIME HIGH Tg HARDENER 4.1KG A/F	F160-121	

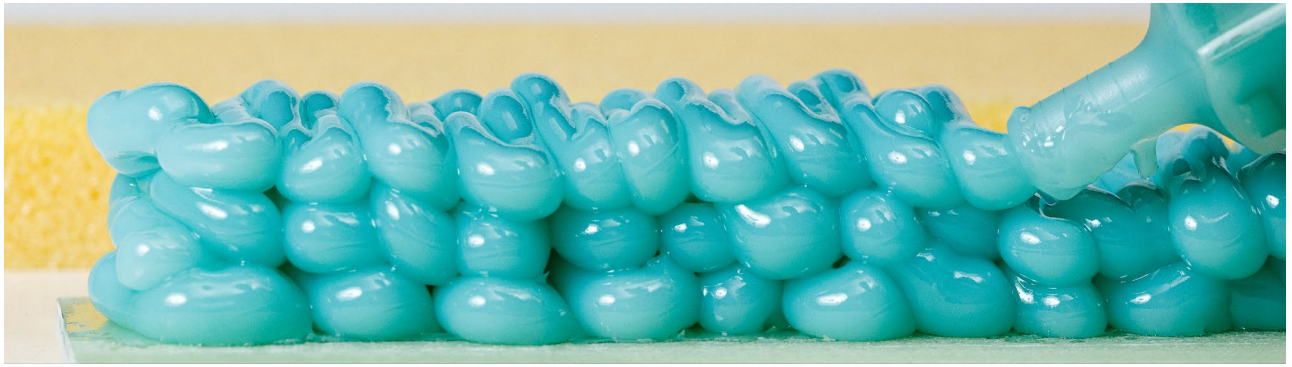
PRIME™ resins and hardeners are compatible with the following dispense taps:

Description	16 – 20 kg Resins	160 – 200 kg Resins	3.4 – 19 kg Hardeners	160 – 200 kg Hardeners
Dispense Tap	K342-016	K342-010	K342-016	K342-010

Note that relative ordering quantities are as follows:

System	Resin	Hardener
PRIME™ 37	3 x 1000kg PRIME™ 37 Resin	1 x 900kg Ampreg™ 3X Fast / Standard / Slow / Ex-slow Hardener
	2 x 1000kg PRIME™ 37 Resin	3 x 174kg Ampreg™ 3X Fast / Standard / Slow / Ex-slow Hardener
	2 x 1000kg PRIME™ 37 Resin	3 x 167kg PRIME™ High Tg Hardener
	1 x 197kg PRIME™ 37 Resin	3 x 19kg Ampreg™ 3X Fast / Standard / Slow / Ex-slow Hardener
	1 x 197kg PRIME™ 37 Resin	3 x 16.4kg PRIME™ High Tg Hardener
	1 x 18.6kg PRIME™ 37 Resin	1 x 4.68kg Ampreg™ 3X Fast / Standard / Slow / Ex-slow Hardener
	1 x 18.6kg PRIME™ 37 Resin	1 x 4.1kg PRIME™ High Tg Hardener

Spabond™ Adhesive Systems



Spabond™ adhesives offer outstanding performance in high-stress, high-load applications for Marine, Wind Energy and Civil Engineering applications.

- Spabond™ 400 Series: structural, high dynamic load applications
- Spabond™ 500 Series: specialist substrate and applications
- Spabond™ 700 Series: rapid structural adhesives

Adhesive Chemistry Selector

	Epoxy	Polyurethane	Acrylic	Cyanoacrylate	Methacrylates	Hot-melt	Silicone
Key Benefits	High strength & stiffness	Excellent toughness & durability	Good impact resistance & flexibility	Excellent adhesion to rubber & plastics	Excellent adhesion to plastics & polyester GRP laminates	Fast, large gap-filling	Excellent temperature resistance
Temperature Range	-55 to +180°C	-50 to +120°C	-50 to +120°C	-50 to +80°C	-55 to +120°C	-50 to +120°C	-50 to +200°C
Substrate Adhesion ★★★★★ = Excellent ★★★★ = Very Good ★★★ = Good ★★ = Fair ★ = Poor							
Metal	★★★★★	★★★	★★★★★	★★★★★	★★★	★★★	★★★
Plastic	★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★
Glass	★★★★★	★★★	★★★	★	★★★	★★★	★★★★★
Rubber	★★	★★★	★	★★★★	★	★★	★★★
Wood	★★★★	★★	★★★	★★★	★★	★★★★★	★★
Mechanical Performance ●●● = High ●● = Medium ● = Low							
Shear Strength	●●●	●●	●●	●●●	●●	●	●
Peel Strength	●●	●●	●●●	●	●●●	●●	●●
Elongation	●	●●●	●●●	●	●●●	●●●	●●●●
Stiffness / Modulus	●●●	●	●●	●●●	●	●●	●
Environmental Resistance ★★★★★ = Excellent ★★★★ = Very Good ★★★ = Good ★★ = Fair ★ = Poor							
Polar Solvents (water, ethylene, acetone, glycol)	★★★★	★★★	★★★	★	★★★	★★★	★★★
Non-polar Solvents (motor oil, petrol)	★★★★★	★★★	★★★★	★★★	★	★★★	★
Overall	★★★★	★	★★★	★★★	★★	★	★

System Selector

System	Speed	Cured Colour	Mix Ratio	Working Time*	Clamp Time*	Gap Filling*	Max Temp	Technical Datasheet
400 Series	Fast		3:1 (by volume)	½ hour	4 hrs	5 – 10 mm	81°C	
	Slow			3 ½ hrs	<16 hrs	10 – 20 mm	84°C	
	Fast			½ hour	4 hrs	20 – 30 mm	87°C	
	Slow			3 ¼ hrs	<16 hrs	20 – 30 mm	87°C	
	Fast			½ hour	4 hrs	20 – 30 mm	87°C	
	Slow			3 ½ hrs	<16 hrs	20 – 30 mm	87°C	
	Fast			½ hour	2 ½ hrs	10 – 20 mm	90°C	
500 Series	Spabond™ 5 Minute Tacking and secondary bonding.		1:1 (by volume)	5 mins	20 mins	10 - 15mm	55°C	
								Download (PDF)
	Standard		1:1 (by volume)	2 hrs	15 hrs	20 – 30mm	58°C	
	Slow			4 hrs	25 hrs		52°C	
	Extra Slow			6 ½ hrs	tbc		58°C	Download (PDF)
	Fast		2:1 (by volume)	25 mins	5 hrs	0.2 - 20mm	63°C	
	Slow			90 mins	10 hrs		61°C	
700 Series	Spabond™ 568 Low density core bonding adhesive.		2:1 (by volume)	5 ½ hrs	24 hrs	10mm	65°C	
								Download (PDF)
	Spabond™ 570 Bonds all woods. Easy mixing/smooth spreading, can be used with automated mixing machines.		1:1 (by volume)	1 ½ hrs	-	10 - 20mm	55°C	
								Download (PDF)
	Spabond™ 730 High strength, rapid curing. General purpose adhesive.		1:1 (by volume)	10 mins	1 hr	10 - 15mm	60°C	
								Download (PDF)

*working time properties are highly subjective to ambient conditions and should be used an approximate guideline for all Spabond™ systems at 20°C. Please refer to the corresponding page of this document for specific testing methods used.

Product Code Selector

Spabond™	Type	Size	Units	Description	Order Code	Notes
435	R/H Fast	20x385	ml	SP435 R/HF 385ml CART/BOX OF 20	F647-020	
	R/H Slow	20x385	ml	SP435 R/HSL 385ml CART/BOX OF 20	F647-021	
	Resin	200	kg	SPABOND 435 RESIN 200KG	F647-022	
	Resin	20	kg	SPABOND 435 RESIN 20KG S/S	F647-023	
	Resin	10	kg	SPABOND 435 RESIN 10KG	F647-007	
	Resin	5	kg	SPABOND 435 RESIN 5KG	F647-024	
440	R/H Fast	20x385	ml	SP440 R/HF 385ml CART/BOX OF 20	F647-025	
	R/H Fast	10x800	ml	SP440 R/HF 800ml CART/BOX OF 10	F647-037	
	R/H Slow	20x385	ml	SP440 R/HSL 385ml CART/BOX OF 20	F647-026	
	R/H Slow	10x800	ml	SP440 R/HSL 800ml CART/BOX OF 10	F647-038	
	Resin	200	kg	SPABOND 440 RESIN 200KG	F647-027	
	Resin	20	kg	SPABOND 440 RESIN 20KG S/S	F647-028	
	Resin	10	kg	SPABOND 440 RESIN 10KG	F647-008	
	Resin	5	kg	SPABOND 440 RESIN 5KG	F647-029	
445	R/H Fast	20x385	ml	SP445 R/HF 385ml CART/BOX OF 20	F647-030	
	R/H Fast	20x385	ml	SP445 RBL/HF 385ml CART/BOX OF 20	F647-048	Black version
	R/H Slow	20x385	ml	SP445 R/HSL 385ml CART/BOX OF 20	F647-031	
	Resin	200	kg	SPABOND 445 RESIN BLACK 200KG	F647-049	Black version
	Resin	20	kg	SPABOND 445 RESIN BLACK 20KG S/S	F647-050	Black version
	Resin	10	kg	SPABOND 445 RESIN BLACK 10KG	F647-046	Black version
	Resin	5	kg	SPABOND 445 RESIN BLACK 5KG	F647-051	Black version
	Resin	200	kg	SPABOND 445 RESIN 200KG	F647-032	
	Resin	20	kg	SPABOND 445 RESIN 20KG S/S	F647-033	
	Resin	10	kg	SPABOND 445 RESIN 10KG	F647-009	
	Resin	5	kg	SPABOND 445 RESIN 5KG	F647-034	
400 Fast	Fast	186	kg	SPABOND 400 FAST HARDENER 186KG	F647-013	
	Fast	20.7	kg	SPABOND 400 FAST HARDENER 20.7KG S/S	F647-014	Use with Spabond™ 435, 440 & 445
	Fast	6.2	kg	SPABOND 400 FAST HARDENER 6.2KG	F647-010	
	Fast	3.1	kg	SPABOND 400 FAST HARDENER 3.1KG	F647-015	
	Fast	1.6	kg	SPABOND 400 FAST HARDENER 1.6KG	F647-012	
400 Slow	Slow	180	kg	SPABOND 400 SLOW HARDENER 180KG	F647-017	
	Slow	20	kg	SPABOND 400 SLOW HARDENER 20KG S/S	F647-018	Use with Spabond™ 435, 440 & 445
	Slow	6	kg	SPABOND 400 SLOW HARDENER 6KG	F647-011	
	Slow	3	kg	SPABOND 400 SLOW HARDENER 3KG	F647-019	
	Slow	1.5	kg	SPABOND 400 SLOW HARDENER 1.5KG	F647-016	
400FR	R/H	20x385	ml	SPABOND 400FR R/HF 385ml CART/BOX OF 20	F695-008	
	Resin	20	kg	SPABOND 400FR RESIN 20KG S/S	F695-006	
	Fast	5.4	kg	SPABOND 400FR FAST HARDENER 5.4KG	F695-007	
5 Min	R/H	20x400	ml	SP 5-MIN.ADH.R/H 400ml CARTRIDGE/BOX 20	F652-021	
	Resin	20x310	ml	SP 5-MIN.ADH.RES.310ml N/ PIGCART/BOX 20	F652-025	
	Fast	20x310	ml	SP 5-MIN.ADH.HARD.310ml N/PIGCART/BOX 20	F652-027	
540	R/H Standard	12x600	ml	SP540LV R/HSTD 600ml CART/BOX OF 12	F648-045	
	R/H Slow	12x600	ml	SP540LV R/HSL 600ml CART/BOX OF 12	F648-054	
	Resin	200	kg	SP540 RESIN 200KG	F648-042	
	Resin	20	kg	SP540 RESIN 20KG S/S	F648-055	
	Standard	18.4	kg	SP540 STANDARD HARDENER 18.4KG S/S	F648-009	
	Standard	184	kg	SP540 HARD STD 184KG	F648-033	
	Slow	18.6	kg	SP540 SLOW HARDENER 18.6KG S/S	F648-051	
	Slow	186	kg	SP540 SLOW HARDENER 186KG	F648-038	
	Extra-slow	18.2	kg	SP540 HARD EXTRA SLOW 18.2KG S/S	F648-056	
545	R/H Fast	20x400	ml	SPABOND 545 R/HF 400ml CARTS/BOX OF 20	F675-003	
	R/H Slow	20x400	ml	SPABOND 545 R/HSL 400ml CARTS/BOX OF 20	F675-004	
	Resin	20	kg	SPABOND 545 RESIN 20KG S/S	F675-005	
	Fast	18.8	kg	SPABOND 545 FAST HARD 18.8KG S/S	F675-006	
	Slow	18.4	kg	SPABOND 545 SLOW HARD 18.4KG S/S	F675-007	
568	Resin	17.5	kg	SP568 RESIN 17.5KG	F654-023	
	Hardener	7.7	kg	SP568 HARD EXTRA-SLOW 7.7KG S/S	F654-025	
570	Resin	20	kg	SP570 RESIN 20KG S/S	F640-023	
	Resin	5	kg	SP570 RESIN 5KG	F640-019	
	LV Hardener	20	kg	SP570LV HARD STANDARD 20KG S/S	F640-026	
	LV Hardener	5	kg	SP570LV HARD STANDARD 5KG	F640-025	
730	R/H Fast	20x400	ml	SP730 R/H 400ml CART/BOX 20	F650-007	

Spabond™ Ancillary Products & Ordering Quantities

Spabond™ cartridges are compatible with the following dispensers and mix-heads:

Description	310ml (mono- component)	385ml (3:1 by volume)	400ml (1:1 by volume)	400ml (2:1 by volume)	600ml (1:1 by volume)	800ml (3:1 by volume)	900ml (2:1 by volume)
Spabond™	5-Min	435 440 445 400FR	5-Min 730	340 345 545	540	440	340
Manual Dispenser	Please contact Gurit Technical Support	K215-079	K215-081	K215-081	K215-080	K215-044* K235-002	K215-044
Pneumatic Dispenser		K215-082	K215-022	K215-022	K215-050	K215-039* K235-002	K215-039
Mix-heads (bag of 20)		A640-038	A640-037	A640-037	A640-038	A640-021	A640-021

*guns require minor modification, please contact Gurit Technical Support for further information

**for information only – not available to order

Note that relative ordering quantities are as follows:

System	Resin	Hardener
Spabond™ 435 Spabond™ 440 Spabond™ 445	3 x 200KG drum Spabond™ 400 Resin	1 x 186/180KG drum Spabond™ 400 Fast/Slow Hardener
	1 x 200KG drum Spabond™ 400 Resin	3 x 20.7/20KG drum Spabond™ 400 Fast/Slow Hardener
	3 x 20KG drum Spabond™ 400 Resin	1 x 20.7/20KG pails Spabond™ 400 Fast/Slow Hardener
	1 x 20KG drum Spabond™ 400 Resin	1 x 6.2/6KG pails Spabond™ 400 Fast/Slow Hardener
	1 x 10KG pails Spabond™ 400 Resin	1 x 3.1/3KG pail Spabond™ 400 Fast/Slow Hardener
	1 x 5KG pails Spabond™ 400 Resin	1 x 1.6/1.5KG pail Spabond™ 400 Fast/Slow Hardener
Spabond™ 400FR	1 x 20KG drum Spabond™ 400FR Resin	1 x 5.4KG pails Spabond™ 400FR Fast Hardener
Spabond™ 5 Minute	F652-025 & F652-027 are supplied non-pigmented in individual 310ml tubes. Please contact Gurit Technical Support for further information on dispensers for this item.	
Spabond™ 540	1 x 200kg pail Spabond™ 540 Resin	1 x 184kg pail Spabond™ 540 Standard Hardener
	1 x 200kg pail Spabond™ 540 Resin	1 x 186kg pail Spabond™ 540 Slow Hardener
	1 x 200kg pail Spabond™ 540 Resin	10 x 18.2kg pail Spabond™ 540 Ex-Slow Hardener
Spabond™ 545	2 x 20kg pail Spabond™ 545 Resin	1 x 18.8kg pail Spabond™ 545 Fast Hardener
	2 x 20kg pail Spabond™ 545 Resin	1 x 18.4kg pail Spabond™ 545 Slow Hardener
Spabond™ 568	1 x 17.5kg pail Spabond™ 568 Resin Spabond™ 568 is not supplied in cartridges	1 x 7.7kg pail Spabond™ 568 Ex-slow Hardener
Spabond™ 570	1 x 20kg pail Spabond™ 570 Resin	1 x 20kg pail Spabond™ 570LV Hardener
	1 x 5kg pail Spabond™ 570 Resin	1 x 5kg pail Spabond™ 570LV Hardener
	Spabond™ 570 is not supplied in cartridges.	
Spabond™ 730	Spabond™ 730 is only supplied in cartridges.	

Contacts by Region

The most up to date contact information for Gurit global sites and distributors can be found at www.gurit.com/contact

Gurit Contacts for Europe, Middle East and Africa (EMEA)

EMEA Sales contacts

Region	Sales contact	Contact Details
Middle East, South Africa, Turkey	Phil Aikenhead	phil.aikenhead@gurit.com
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Central & Eastern Europe	Piet Heydorn	piet.heydorn@gurit.com
France, Spain & Portugal	Yannick Le Morvan	yannick.lemorvan@gurit.com
UK & Scandinavia	Garth Thomas	garth.thomas@gurit.com

EMEA Customer Support, Technical Support, Engineering & Marketing Contacts

Department	Site	Email Address	Information
Customer Support	UK Site	uk-customer.support@gurit.com	Contact for sales of prepreg, epoxy resins & adhesives
Customer Support	Gurit Composite Materials	ch-customer.service@gurit.com	Contact for sales of core materials including Corecell, PVC & Kerdyn PET
Technical Services	EMEA	technical.support@gurit.com	
Engineering	Rod Fogg	rod.fogg@gurit.com	Marine Practice Leader
	Paolo Manganelli	paolo.manganelli@gurit.com	Head of Engineering
	Tony Stanton	tony.stanton@gurit.com	Engineering Manager– APAC & Civil Practice
Marketing	EMEA	marcom@gurit.com	

Gurit Distributors for Europe, Middle East and Africa

Country	Company & Contact	Contact Details	Products
Austria	Fixotherm Fensterbank-Dichtsysteme GmbH	T: +43 7262 54 446 W: www.fixotherm.at E: office@fixotherm.at	Kerdyn Green PET
Balearics	BM Composites Contact: Catrin Bassett	T: +34 971 254 181 W: www.bmcomposites.com E: catrin@bmcomposites.com	Full range
Denmark	HF Industri & Marine Contact: Hans Fokdal	T: + 45 62 20 13 12 W: www.hfmarine.dk E: hf@hfmarine.dk	Wind Repair products only / RENUVO
Finland	Kevra Oy Contact: Jukka Leinonen	T: +358 9 6126 820 W: www.kevra.fi E: kevra@kevra.fi	Full range
France	Composites Distribution Contact: Jean-Francois Buleon	T: +33 228 01 7020/ +33 609 73 72 77 W: www.composites-distribution.com E: jf.buleon@composites-distribution.com	Full range
Germany	CTM GmbH Contact: Lars Thomsen	T: +49 46 21 955 33 W: www.ctmat.de E: info@ctmat.de	Full range
	HALARIT Composites GmbH Contact: Dirk Lange	T: +49 7156 2006 431 W: www.lange-ritter.de E: d.lange@halarit.com	Core and Formulated
Greece	Andreou I.K.E Contact: Panos Andreou	T: +30 210 4833000 W: www.andreou.gr E: info@andreou.gr	Full range
Italy	Resintex Technology S.r.l Contact: Laura Fabi	T: +39 0775 898 099 W: www.resintex.it E: laura@resintex.it	Full range
Latvia & Lithuania	SIA Kompozitmateriali Contact: Matīss Alviķis	T: +371 28001121 W: www.chemify.com E: info@chemify.com	Core and Formulated
Netherlands	Bouwmeester Advanced Composites Contact: Jaco Bouwmeester	T: +31 20 665 2452 W: www.sp-bac.nl E: info@sp-bac.nl	Full range
Norway	Hans Claussen AS Contact : Jonas Claussen	T: +47 671 19400 W: www.hc-as.no E: jc@hc-as.no	Full range
Poland	CHEM4POL Contact: Tomasz Kaniewski	T: +48 505 453325 W: www.chem4pol.pl E: tomasz.kaniewski@chem4pol.pl	Full range

Country	Company & Contact	Contact Details	Products
South Africa	Advanced Materials Technology (Pty) Ltd Contact: John Soper	T: +27 21 511 2669 or +27 (0)82 801 1118 W: www.amtcomposites.co.za E: john.soper@amtcomposites.co.za	Full range
	Gazechim Iberica Contact: Jose Antonio Berja	T: +34 (0) 961241032 W: www.gazechim.es E: ja.berja@gazechim.es	Full range
Spain	UNECO S.A. Contact Sales	T: +34 93 383 47 11 W: www.uneco.es E: compras@uneco.es	Formulated and Prepreg
	VC Vertriebs AG Contact: Thomas Brunartt	T: +41 44 833 6386 W: www.schiffsfarben.ch E: info@schiffsfarben.ch	Formulated
Switzerland			
Sweden	Gazechim Composites Norden Contact: Hans Nikander	T: +46 (0)795 85 04 49 W: www.gazechim.com E: hans.nikander@gazechim.com	Full range
Turkey	Neva Composites Contact: Nurettin Caliskan	T: +90 216 447 0600 W: www.nevacomposites.com E: info@nevacomposites.com	Full range
United Arab Emirates	MTM Marine and Industrial Contact: Andrew Mackie	T: +971 4341 7000 W: www.masaoood.com E: andrew@mtm-industrial.com	Full range
United Kingdom	Marineware Ltd Contact Sales	T: +44 (0) 2380 624555 W: www.marineware.com E: sales@marineware.com	Full range
	Mouldlife Contact: Sales	T: +44 1638 750679 W: www.mouldlife.co.uk E: info@mouldlife.co.uk	Full range

Gurit Contacts for North & South America

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USA & Canada	Composites One	T: +1 800 621 8003 E: information@compositesone.com W: www.compositesone.com
USA	Fiberlay Inc.	E: sales@fiberlay.com W: www.fiberlay.com
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GLOBAL PRESENCE

Gurit is headquartered in Switzerland, listed on the Swiss stock exchange and operates over 20 production sites and offices in Australia, Canada, China, Denmark, Ecuador, India, Italy, Mexico, New Zealand, Poland, Spain, Switzerland, Turkey, United Kingdom and the United States.

