



adhesivetechnology

2025

Product Catalogue
adhesivetechnology.co.nz



adhesivetech

Adhesive Tech is a global leader in advanced adhesive solutions, backed by unrivalled technical support.

As New Zealand's foremost epoxy manufacturer, we cater to a diverse clientele, offering total manufacturing services for commercial partners alongside a comprehensive range of retail products. We offer custom solutions for your specific needs and world-class support.

Established in 1977 we have almost five decades of experience, continual development in formulations and engineering, and a cutting-edge in-house laboratory. We offer expert guidance to steer your project toward excellence. Our extensive portfolio of composite materials and products positions us as the premier one-stop shop.

At Adhesive Tech, we blend innovation with reliability, ensuring that every adhesive solution we offer meets the highest quality and performance standards.

Our customer service is second to none, and we have highly skilled technicians available to talk to you about your custom solution, or to give friendly guidance.

We look forward to helping you with your projects!

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WEST SYSTEM AND COMPATIBLE PRODUCTS

A general purpose, room temperature cured epoxy.

EPOXY RESIN

105 Resin

A specially formulated epoxy resin series, which finds wide use in timber and composite boat construction, and general laminating.

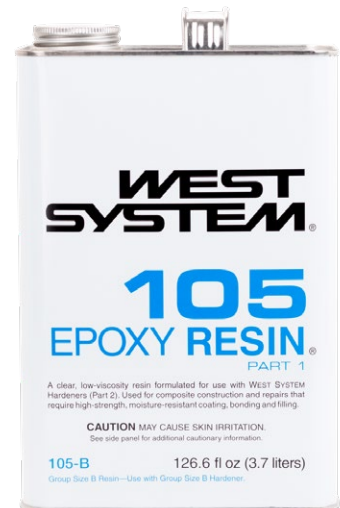
It is commonly used with powder fillers to form high strength structural adhesives and low density easily sandable fillers, in this manner offering great versatility. It may be dispensed through our calibrated pump systems. The premium resin for modern timber boat construction.

WEST SYSTEM 105 EPOXY RESIN

The base material of the WEST SYSTEM family of products, on which all of the WEST SYSTEM compounds are built.

Available in 1 litre, 4 litre, 10 litre, 20 litre, 200 litre

Available in
**1/4/10
20/200**
litres

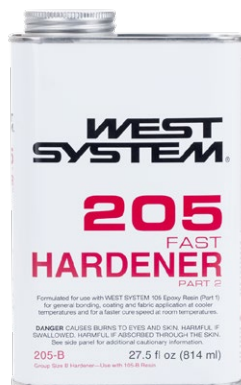


205 and 206 Hardeners, 5:1 System

WEST SYSTEM 205 FAST HARDENER

WEST SYSTEM 205 is used at lower temperatures to produce a rapid cure that develops its physical properties quickly at room temperature.

Available in 200 ml,
800 ml, 2 litre, 4 litre,
20 litre



WEST SYSTEM 206 SLOW HARDENER

WEST SYSTEM 206 is used for the majority of construction situations, and gives extended working and cure times while still developing its physical properties at room temperature.

Available in 200 ml, 800 ml, 2 litre, 4 litre, 20 litre

// 205: develops its physical properties quickly at room temperature."



Special Hardeners 207 and 209, 3:1 System

WEST SYSTEM 207 SPECIAL COATING HARDENER

This special coating hardener has been specifically developed for coating applications where an exceptional transparent, moisture-resistant, natural wood finish is desired.

The cured epoxy surface will require further UV protection with a quality UV filtering varnish of two pack polyurethane paint. It has been designed to work well in humid conditions. The mix ratio is 3 parts resin to 1 part hardener by volume.

Available in 333 ml, 1.33 litre, 3.35 litre, 6.7 litre

WEST SYSTEM 209

EXTRA SLOW HARDENER

For general coating and bonding applications in extremely warm and/or humid conditions or when extended working time is desired at room temperature. Provides approximately twice the working time of 206 Slow Hardener. 105/209 forms a high-strength, moisture-resistant solid with excellent bonding and coating properties. The mix ratio is 3 parts resin to 1 part hardener by volume. Not intended for clear coating.

Available in 333 ml, 1.33 litre, 3.35 litre, 6.7 litre

HARDENER	Resin/Hardener USES	HARDENER TEMPERATURE RANGE (°C)							CURE SPEEDS at room temp.*		
		5°	10°	15°	Room Temp. 20° 25°		30°	35°	POT LIFE 100g cupful	WORKING TIME thin film	CURE TO SOLID thin film
205	Bonding, coating and fabric application								9–12 minutes	60–70 minutes	6–8 hours
206	Bonding, coating and fabric application								20–25 minutes	90–110 minutes	10–15 hours
207	Clear coating and fabric application								20–25 minutes	90–110 minutes	10–15 hours
209	Bonding, coating and fabric application								40–50 minutes	3–4 hours	20–24 hours

EPOXY FILLERS

Fillers can also be used with ADR Range.

Adhesive Tech stock a range of fillers and fairing products to suit individual needs.

★★★★ Excellent
 ★★★ Very Good
 ★★ Good
 ★ Fair
 No stars = not recommended

USE	ADHESIVE FILLERS (highest strength)			FAIRING FILLERS (easiest sanding)		
	404	406	413	411	417	410
Bonding Hardware	★★★★	★★★★	★★★★			
General Bonding	★★★	★★★★	★★★★			
Filleting	★★	★★★★	★★	★★★★	★★★★	
Laminating	★★	★★★★	★★★★	★★	★★	
Fairing				★	★★★★	★★★★

Adhesives

COLLOIDAL SILICA 406

Colloidal Silica is an epoxy thickening additive used to control the viscosity of the epoxy. It prevents epoxy runoff in vertical and overhead joints. This is a very strong adhesive filler. It creates a smooth mixture, ideal for general epoxy bonding and filleting. 406 can be used to improve the strength, abrasion resistance, and consistency of epoxy fairing compounds. The result is a tougher, smoother surface.

Available in 4 litre, 12 litre, 20 litre, 10 kg

// 413 is our most versatile epoxy filler."



MICROFIBRE BLEND 413

Microfibre Blend 413 is a mixture of short-fibre cotton and colloidal silica. It has largely replaced pure Colloidal Silica and pure Microfibre as thickening agents for WEST SYSTEM liquid resins.

Addition of cotton flock has served to substantially reduce the tendency of the colloidal silica to float around in the air and makes the mixing into resin much easier. Furthermore, the colloidal silica serves to offer an added degree of thixotropy to the microfibre, and substantially improves the spreading and working properties of the adhesive mix.

Because such small quantities must be added in terms of weight, the effect of WEST SYSTEM 413 on the cured resin properties are negligible, but dispersion of the powder into the resin must be thorough for optimum results.

Available in 1 litre, 4 litre, 12 litre, 20 litre, 200 litre

Filleting

MICROSPHERE GLASS SPHERES 409

A mixture of silicate microspheres for general purpose low density filling, fairing and coving. It can also be used as part of the glue make up when bonding low density cores, such as PVC foams etc. where the glue joint can be difficult to fair without damaging the core either side.

The blend of silicate microspheres extends the filler and allows for easy sanding after curing.

Available in 4 litre, 12 litre, 20 litre, 22.7 kg

MICROSPHERE BLEND 411

A mixture of silicate microspheres and colloidal silica for general purpose low density filling, fairing and coving.

It can also be used as part of the glue make up when bonding low density cores such as PVC foams etc. where the glue joint can be difficult to fair without damaging the core either side.

The colloidal silica in the mixture gives the mixture excellent resistance to sag by producing a thixotropic component to the mix. The blend of silicate microspheres extends the filler and allows for easy sanding after curing.

Available in 1 litre, 4 litre, 12 litre, 20 litre, 200 litre

Fairing

MICROBALLOON 417

A low-density phenolic microballoon-based filler used to make fairing putties that are easy to sand or carve. When added to epoxy resin, WEST SYSTEM 417 filler is a thick low density compound. Use WEST SYSTEM 417 to extend resin, to reduce weight, shrinkage and sanding. The addition of a small percentage of WEST SYSTEM 406 will reduce resin drainage and assist spreading properties. Various resin systems may react differently, so experiment before proceeding to large projects. WEST SYSTEM 417 is reasonably strong on a strength-to-weight basis. Also cures to a dark red/brown colour – popular for matching to wood.

Available in 4 litre, 12 litre, 20 litre, 12 kg / 114 litre

MICROLIGHT 410

A low density blended filler specifically designed for fairing applications. When mixed with WEST SYSTEM brand epoxy, this filler has a smooth, creamy texture. It trowels on easily, holds a feather-edge well, and resists running or sagging on vertical surfaces. WEST SYSTEM 410 filler's physical properties make sanding about 30% easier than that of WEST SYSTEM 417 Microballoons. Unlike most fillers, WEST SYSTEM 410 is light-coloured. Therefore priming and/or pigmented epoxy coating may not be needed before painting.

Available in 4 litre, 12 litre, 20 litre, 6.5 kg / 155 litre

Specialty Fillers

HIGH DENSITY POWDER 404

A thickening additive developed for maximum physical properties in hardware bonding, where high-cyclic loads are anticipated. 404 has very high compressive strength and it can also be used for filleting and gap filling where maximum strength is necessary.

Available in 4 litre, 12 litre, 20 litre,
62.5 litre / 25 kg, 20 litre

// 404... where maximum strength is necessary."



ALUMINIUM POWDER

Aluminium powder will increase the hardness and abrasion resistance of the coated surface, and improve its moisture resistance. Aluminium provides limited protection from ultraviolet light in areas that will not be protected with other coatings, and can be used as a base for subsequent painting.

Available in 500 g, 1 kg, 4 kg, 20 kg

GRAPHITE POWDER

A fine black powder that can be mixed with epoxy to produce a low-friction exterior coating with increased scuff resistance and durability. Epoxy/graphite is commonly used as a low-load, low-speed bearing surface, as a coating on rudders and centreboards, or on the bottoms of racing craft that are dry sailed. It does not provide anti-fouling qualities.

Available in 500 ml, 1 litre, 4 litre

Fibre Fillers

MILLED FIBRE

Finely chopped glass fibres.

Available in 1 litre, 4 litre, 14 kg

GLASS FLAKE

Grade 160 and 600.

Available in 20 kg

Glass flake can be used in coatings to improve reinforcement and thermal properties.

PIGMENTS

Pigments can also be used with ADR Range.

Pigment Pastes

Black and white pigments dispersed in epoxy to form a paste that is easily incorporated into liquid epoxy resins and pastes.

Available in 125 ml, 250 ml, 500 ml, 1 litre

Available in
BLACK
and
WHITE

Pigment Powders / Eye Candy

Pigment powders that can be dispersed into epoxy or paint applications.

Eye Candy powder is a natural substance that comes from ground stone – it is very fine in texture. Many use the mica powder to add some sparkle to their art project. Whether into woodworking, jewellery making, or other DIY crafts, many artists gravitate towards this medium since there are no creative limits.

Mica powder is also safe to use on all skin types, so you don't have to worry about narrowing your search as you shop for an FDA-approved product if you make skincare products.

Available in 25 g



Talk to our helpful team at
Adhesive Tech about our
colour range available.



FLEXIBLE EPOXY RESINS

G-Flex

G-FLEX 650

A two part, toughened liquid epoxy for permanent waterproof bonding of fiberglass, ceramics, metals, plastics, damp and difficult-to-bond woods. With a modulus of elasticity of 150,000 PSI, it is more flexible than standard epoxies and polyester, but much stiffer than adhesive sealants. This gives G-Flex 650 the ability to make structural bonds that can absorb the stress of expansion, contraction, shock and vibration. It is ideal for bonding dissimilar materials. It can be modified with WEST SYSTEM fillers and additives, and used to wet-out fiberglass tapes and fabrics.

Available in a 8 or 32 F/ounce kit

G-FLEX 655K PLASTIC BOAT REPAIR KIT

Repair splits, cracks, and small holes in plastic canoes, kayaks, and other small boats made from HDPE, LDPE, ABS, PVC, or polycarbonate plastic with the contents of this kit. The Plastic Boat Repair Kit features plastic-friendly G-Flex 655 Thickened Epoxy Adhesive and is assembled with the do-it-yourselfer in mind. Repair splits and cracks in plastic boats, attach or repair inflatable boat reinforcement points, and repair inflatable pinhole leaks. All components are contained in a sturdy, resealable package. 655-K Plastic Boat Repair Kits are designed for small, quick repairs for: plastics, underwater/wet surfaces, hard-to-bond to woods, metals and fiberglass.

G-FLEX 650 ALUMINIUM BOAT REPAIR KIT

Repair the most common problems with aluminium boats and canoes: leaking seams and rivets. Each kit contains 8 ounces of G-Flex 650 Toughened Epoxy, adhesive filler, application syringes, mixing cups and reusable mixing sticks, and protective gloves. Illustrated, detailed instructions explain how to repair leaking seams and rivets in aluminium boats. All components are contained in a sturdy, resealable package.



Need a high degree of flexibility?

ADH30

ADH30 FLEXIBLE EPOXY HARDENER

A solvent-free extremely low viscosity hardener designed to be used with ADR247. This specialty hardener is used when a high degree of flexibility is required. Post cures are recommended to ensure adequate mechanical properties are achieved.

Typical applications: parts requiring high elongation, trim tabs.

Available in 1 kg, 5 kg, 20 kg

ADR RANGE

A highly versatile Epoxy system for specific requirements.

LAMINATING AND INFUSION

Chat to us
about custom
solutions.

ADR RANGE

Laminating and Infusion Epoxy Resins

ADR240 EPOXY RESIN

ADR240 is a low to medium viscosity epoxy resin specifically formulated for the use with the ADH range of hardeners to cure at room temperature with minimal post-cure requirements.

ADR240 has excellent mechanical properties and is well suited to hand lamination and coating applications. Typically used with ADH26, ADH28, ADH160.

Available in 4 kg, 20 kg, 200 kg

ADR243 EPOXY RESIN

A high temp performance epoxy with low viscosity, able to be either hand laminated or infused if required. It is commonly used for high temp epoxy moulds and is typically used with ADH182, ADH140 and ADH28.

Available in 4 kg, 20 kg, 200 kg

ADR244 EPOXY RESIN

Has maximised rigidity and high temperature performance with a higher viscosity than laminating and infusion epoxy resin.

Available in 20 kg, 200 kg

ADR246 LAMINATING AND INFUSION EPOXY RESIN

Has been developed for use in higher performance composite construction where only low post cure temperatures are applicable. Hardener for hardener, it is slower curing than ADR240. It is formulated to offer optimum air release and fibre wetting characteristics. Also available in a gel, a thixated variant (ADR246TX) and as a toughened variant (ADR246TG).

ADR246TX contains special thixotropic agents which eliminates sag of resin from vertical surfaces. This has

often been a serious problem when relatively high resin contents are applied with slow curing resins.

ADR246TG is a toughened variant offering significant better impact and peel resistance.

Available in 1 kg, 4 kg, 20 kg, 200 kg
(GEL) 20 kg
(TX, TG) 4 kg, 20 kg, 200 kg
(TG-GEL) 20 kg

ADR249 LAMINATING AND INFUSION EPOXY RESIN

A long open time laminating resin when up to 10 hours open time is required with partial overnight cure.

Gel (ADR249GEL), thixated (ADR249TX) and toughened (ADR249TG) options also available.

Available in 4 kg, 20 kg, 200 kg
(GEL) 20 kg
(TX, TG) 20 kg, 200 kg

ADR270 TOUGHENED LAMINATING AND INFUSION EPOXY RESIN

A moderate open time epoxy (mid way in pot life and working time between ADR246 and WEST SYSTEM brand epoxy), toughened laminating system where the laminate requires resistance to peel and impact with only a moderate requirement for post cure.

Available in 4 kg, 20 kg, 200 kg

ADR280 LAMINATING EPOXY RESIN

A moderate open time laminating epoxy (mid way in pot life and working time between ADR246 and WEST SYSTEM brand epoxy). It is thixated to reduce sag and requires only a low post cure.

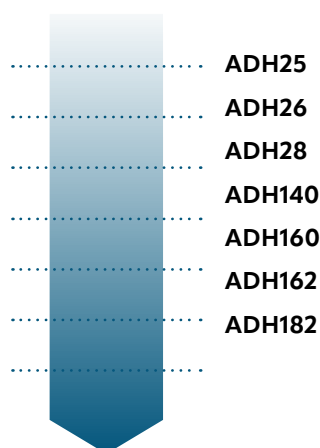
Available in 4 kg, 20 kg, 200 kg



Laminating and Infusion Epoxy Hardeners

Adhesive Tech laminating resins may be cured with a variety of hardeners offering a wide range of cure rates.

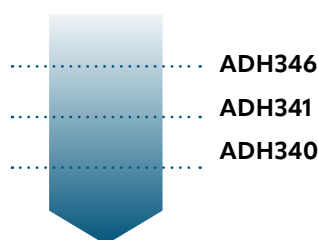
Most common hardeners, in order of fastest to slowest pot life:



ADH182 offers HDT's in the region of 150°C (when curing ADR 244) which indicates its use in the production of tooling for high temperature curing moulds in pre-preg mast production.

All these hardeners are available in 1 kg, 5 kg, 20 kg

Catalytic ultra extended pot life hardeners, in order of fastest to slowest pot life:

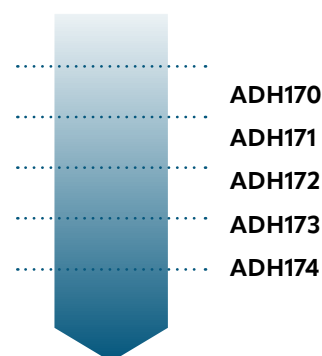


ADH 346 is an accelerated variant of the highly successful ADH 341. It offers the same low carbonation advantages with long open time and an overnight hardening (depending on ambient temperature) Also available as ADH 346slow.

NOTE: requires elevated temperatures to achieve cure.

All these hardeners are available in 1 kg, 5 kg, 20 kg

Long open time hardeners for ADR249 in order of fastest to slowest pot life:



All these hardeners are available in 1.2 kg, 6 kg

ADH30

ADH30 FLEXIBLE EPOXY HARDENER

A solvent free extremely low viscosity hardener designed to be used with ADR247. This specialty hardener is used when a high degree of flexibility is required. Post cures are recommended to ensure adequate mechanical properties are achieved.

Typical applications: parts requiring high elongation, trim tabs.

Available in 1 kg, 5 kg, 20 kg



HIGH PERFORMANCE AND SPECIALIST

High-Performance, Toughened Epoxy Resins

HPR5 HIGH-PEEL, HIGH-IMPACT EPOXY RESIN

A high viscosity amber coloured, room temperature curing resin which offers a 30-fold increase in peel strength by comparison with conventional epoxies when used as an adhesive. Its properties make it the strongest adhesive available for shock critical applications, such as metal bonding. It forms castings with high toughness and resistance to thermal. It finds use in fibre composites where toughness is a primary requirement. Also available in black.

HPR5 A RESIN	HPR5 B HARDENER
500 g	130 g
1 kg	260 g
4 kg	1.04 kg
20 kg	5.2 kg

HPR20 TOUGHENED LAMINATING RESIN

Has a medium viscosity and a degree of rubber-toughening. This allows it's to be used in secondary bonding applications.

HPR20 A RESIN	HPR20 B HARDENER
20 kg	1 kg
200 kg	4 kg
	20 kg

HPR25, HIGH PEEL, TOUGHENED, NON-SLUMPING EPOXY ADHESIVE

A pre-filled glue designed to cure at room temperature and produce a high strength bond with exceptional peel properties. HPR25 system was developed specifically for the structural bonding of aluminium alloys and composite structures. The system exceeds the requirements pertaining to ASTM D1002; which are called for in certain military applications. The standard HPR25B hardener is available in black or white. A low viscosity variant of the hardener is available (HPR25BLV).

HPR25 A RESIN	HPR25 B HARDENER	HPR25 BLV HARDENER
1 kg	250 g	680 g
4 kg	1 kg	3.4 kg
20 kg	5 kg	5 kg

Also available in 450 ml cartridge, see page 34.

HPR25B COVING HARDENER

A specific hardener designed to reduce slumping of HPR25 in larger coves or higher temperatures.

Available in 1 kg

Specialist Epoxy Resins

ADR295 EZ CHOCK, LOW-EXOTHERM GROUTING AND BEDDING RESIN

A low-exotherm bedding resin. This is a filled system designed for high-load engine and rudder shaft bedding. Machinery bedding or high compressive requirement solutions. Designed for use with ADH295 hardener.

ADR295 RESIN	ADH295 HARDENER
3 kg	225 g

RAPID CURE RESIN

Designed for use with Rapid Cure Hardener as an ultra-fast curing resin giving a gel-time of 4 – 5 minutes and handling strength in 10 – 15 minutes. It is suitable for joinery and a wide variety of industrial and home applications. May be modified with powders to make fast setting fillers.

RAPID CURE A RESIN	RAPID CURE B HARDENER
125 ml	125 ml
250 ml	250 ml
500 ml	500 ml
1 litre	1 litre
4 litre	4 litre
20 litre	20 litre

EPOXY GELCOAT

Available pigmented in black or white. This gelcoat is typically cured with ADH25, 26 or 28.

Available in 1 kg, 5 kg, 20 kg

HIGH TEMPERATURE EPOXY GELCOAT

Used to produce a mildly conductive layer in high temperature applications, such as in the manufacture of high temperature moulds.

Available in 1 kg, 5 kg, 20 kg

FOAMING EPOXY SYSTEM

Foaming Epoxy System is a three-component system of resin, hardener and foaming agent. It has been specifically designed this way so the end-user has complete control of the cell structure and therefore density.

RESIN	HARDENER	FOAMING AGENT
1 kg	400 g	40 g

ADR240 SERIES EPOXY RESIN

A unique system used in the manufacture of pre-preg for current "state of the art" high performance composite construction. The main hardener, ADH341, offers pot-lives up to 24 hours, working times of up to 72 hours and requires curing temperatures in excess of 50°C under vacuum.

ADR240 is also available as a gel (ADR240GEL), in a toughened variety (ADR240TG), and as a low density coring paste (ADR240Coresplice).

**Available in 1 kg
(GEL,TG) 4kg, 20 kg
(TG) 200 kg
(CORE) 14 kg**

// A unique system used in the manufacture of pre-preg for current "state of the art" high performance composite construction."

HIGH TEMP EPOXY RESIN – TECHNIREZ R2600

A solvent free, liquid epoxy system specifically formulated for use with H2403 or H2409 hardeners to provide excellent high temperature thermal performance after post cure. Suitable for casting, laminating and infusion. Available with a slow (2409) or medium (2403) hardener.

Typical applications include the casting and laminating of jigs and tools that will be used in high temperature applications, such as pre-preg moulds and vacuum forming tools.

Available in 4 kg

FIRE RETARDANT EPOXY RESIN – TECHNIREZ R2200

A solvent free, fire-retardant epoxy resin specifically formulated for use with hardeners to cure at room temperature to provide a fire-retardant coating.

Available with a slow (2409) or medium (2403) hardener.

Available in 5 kg

ADR501 TECHNIPLUE

A pre-thickened general purpose epoxy resin glue. Techniplue will form a strong, permanent, waterproof bond to a variety of substrates and is suitable for bonding structural elements fabricated from wood, concrete, fibreglass, stone and marble, pottery, metal (ferrous and non ferrous) and some plastics.

Techniplue comes in a 2:1 and a 4:1 variety. Please enquire.

TECHNIPLUE RESIN	TECHNIPLUE HARDENER
1 litre (2:1 only)	500 ml
2 litre	1 litre
4 litre	2 litre
10 litre	10 litre
20 litre	

ADR450 – TIMBER SEALER

ADR450, when used with ADH450 hardener, is a solvent-based epoxy coating designed to seal timber before coating in interior or exterior applications. Minimises wood movement and moisture ingress.

ADR450 RESIN	ADH450 HARDENER
500 ml	500 ml
1 litre	1 litre
4 litre	4 litre
20 litre	20 litre

INDUSTRIAL

All your needs for Civil and Construction.

Industrial Laminating Resin

ADR250 LAMINATING AND INFUSION EPOXY RESIN

A low viscosity epoxy resin formulated for the use with the ADH range of hardeners, to cure at room temperature or low temperature applications in industrial applications. The reduction in viscosity is a significant aid both to impregnation machine operation and hand lamination.

Available in 4 kg, 20 kg, 200 kg

// The reduction in viscosity is a significant aid both to impregnation machine operation and hand lamination."

Casting Resins

ADR230 – KLEAR KAST RESIN

ADR230 was designed as a deep pouring resin and specifically formulated for use with ADH230. ADR230 cures at ambient temperatures with a low exotherm and long open time. It contains a low level of blue pigment to combat yellowing with age. Pourable up to 40mm.

ADR230 RESIN	ADH230 HARDENER
3.33 kg	1 kg
10 kg	3 kg
20 kg	6 kg

TP60 CASTING RESIN

A medium low viscosity room temperature resin with good electrical and physical properties. Its cure rate suits it to larger cable joints and castings and back-fills. TP60 has good resilience, low shrinkage and low exotherm. Commonly used with mineral fillers, and may be used to extend TP60 to almost double its volume for optimum economics. Designed for use with HP60 Hardener. Available in a thixotropic variant.



TP60 RESIN	HP60 HARDENER
4 kg	2 kg
20 kg	5 kg
200 kg	20 kg

TP33 ELECTRICAL COATING EPOXY

A low viscosity 100% reactive room temperature curing resin with outstanding electrical properties.

It finds use in electrical coating, small casting applications, and may be modified extensively with the Adhesive Tech range of 20 litre and 5 litre powders. Designed for use with HP33 Hardener.



TP33 RESIN	HP33 HARDENER
1 kg	250 ml
4 kg	1 kg
20 kg	5 kg
200 kg	20 kg





Chocking Resins

ADR295 EZ CHOCK

A low-exotherm bedding resin, this is a filled system designed for high-load engine and rudder shaft bedding, machinery bedding or high compressive requirement solutions. Designed for use with ADH295 Hardener (see page 12).

Available in 1 litre

ADR321 MAST CHOCK

An easy to use, castable deck chock system which replaces the wedges or plastic block normally used to position yacht masts at deck level. Consisting of two pre-measured pots of liquid plastic, ADR321 Mast Chock is poured into the gap between mast and partners and then left to cure. The resulting chock is a slightly flexible, but permanent chock which can be re-used if the mast is removed.

Available in 1 litre

Wooden Beam Construction

TECHNIGLUE PARTS A & B

A pre-thickened general purpose epoxy resin glue. Techniglue will form a strong, permanent, waterproof bond to a variety of substrates and is suitable for bonding structural elements fabricated from wood, concrete, fibreglass, stone and marble, pottery, metal (ferrous and non ferrous) and some plastics.

Techniglue comes in a 2:1 and a 4:1 variety. Please enquire.

Also available in 450 ml cartridge, see page 34.



ADR310 STUD BONDING RESIN EPOXY ADHESIVE

ADR310 has been developed for the bonding of properly prepared steel studs into a variety of substrates including timber, composite and concrete. This material is low in viscosity and suitable for grouting blind vertical holes with a simple pouring method, or capped horizontal holes with a low-pressure injection process.

Available in 870 g kit

// ADR310 has been developed for the bonding of properly prepared steel studs into a variety of substrates including timber, composite and concrete."

Concrete Resin Systems

ADR290 CONCRETE STABILIZING RESIN

ADR290 is a low viscosity resin designed to structurally stabilise groundworks in high moisture environments (underground) to give stability to ground level concrete slabs or structures.

Available in 4 litre, 20 litre, 200 litre

ADR320 CONCRETE LAMINATING RESIN

ADR320 is a low viscosity, lightly thixotropic resin designed for the impregnation of structural support fabrics and laminates, for the repair and reinforcement of concrete, masonry and timber structures.

ADR320 has been formulated for the use with ADH26, 28 and 160 Hardeners (*see page 11*) to cure at room temperature and offers good working times with reasonable overnight hardness at room temperature.

Available in 4 litre, 20 litre, 200 litre

ADR321 CRACK INJECTION AND REPAIR RESIN

ADR321 is a solvent free, low viscosity, rapid curing epoxy resin system specifically formulated for concrete crack repair with ADH321 Hardener. ADR321 is slightly thixotropic to resist resin drainage on vertical surfaces. ADR321 is designed to prime, seal and waterproof cracks and seams.

ADR321 RESIN	ADH321 HARDENER
1 litre	350 ml
4 litre	1.4 litre
20 litre	7 litre

ADR322 CONCRETE REPAIR MORTAR

ADR322 is a solvent free, grey, rapid curing, highly filled, fine grain epoxy paste system specifically formulated for concrete repair with ADH322 Hardener.

ADR322 RESIN	ADH322 HARDENER
1 litre	400 ml
4 litre	1.6 litre

WATERBASED EPOXYS

Contact us for your specific requirements.

VE CONCRETE RANGE

Contact us for your specific VE corrosion resistant requirements.

ADR323 THIXOTROPIC ADHESIVE

ADR323 is a thixotropic, epoxy paste adhesive, specifically formulated for the use with ADH323 Hardeners.

The summer hardener is for use in warm applications or where extended work times are required. The winter hardener provides a faster cure for small jobs, or jobs in cold, damp or wet conditions.

ADR323 cures at room and low temperatures to produce high strength waterproof bonds and is suitable for dry and damp cure – and can cure underwater.

ADR323 RESIN	ADH323 HARDENER
1 litre	500 ml
2 litre	1 litre
4 litre	2 litre
20 litre	10 litre

ADR247C FORMER BONDING ADHESIVE

ADR247C is a rubber bonding adhesive specifically formulated to bond rubber form liners to steel and wood structures on flat surfaces. This paste is a solvent-free epoxy formulation. Adhesion is even possible in humid but not wet surfaces. Once glued, the removal of the form liner is not possible without breaking.

Available in 4 kg, 20 kg, 200 kg

ADR294 BONDING ADHESIVE

ADR294 is an adhesive with a fast cure for bonding plastic components to concrete and roading. Can be used on a vertical surface, such as reflectors or signage. Comes in a dispensing cartridge.

Available in 900 ml, 10 litre

ADR310 STUD BONDING RESIN

ADR310 has been developed for the bonding of properly prepared steel studs into a variety of substrates including timber, composite and concrete. This material is low in viscosity and suitable for grouting blind vertical holes with a simple pouring method, or capped horizontal holes with a low-pressure injection process.

Available in 870 ml



Flooring

LIGHT GREY BASE EPOXY RESIN

A concrete flooring epoxy resin, Light Grey Base Epoxy Resin is suitable as a coating resin. It can also be used as a gelcoat resin over top of epoxy laminates.

Available in 7.5 kg, 25 kg kits

LIGHT GREY BASE NON-SKID

A non-skid concrete flooring epoxy resin, Light Grey Base Non-Skid is suitable as a coating resin. It can also be used as a gelcoat resin over top of epoxy laminates.

Available in 15 kg kit

Sealants / Adhesives

TEROSTAT 270

Terostat 270 is a general purpose sealant/adhesive available in black or white. This is a high strength polymer combining the advantages of silicon and urethane without the disadvantages of either. It is ideal for use on multi-substrates, with no need to prime aluminium, steel, stainless steel, brass etc. UV and salt resistant, it is ideal for the bonding and sealing of fittings and windows.

Available in 310 g

TEROSTAT 9399

Terostat 9399 is a 2 part quick curing MS polymer, gels off in 10 minutes! Comes in a 400 ml dual cartridge. Available in black.

Available in 400 ml dual cartridge

TEROSTAT 8519 PRIMER

Terostat 8519 is an all-in-one glass and plastic primer and activator for use prior to windshield bonding. It promotes adhesion and UV-protection of direct glazing adhesives and sealants, and is perfect for application on glass, paint, ceramics and encapsulated screens. Re-activating of existing, cut back direct glazing material is also possible.

Available in 100 ml

// Terostat 9399:
Gels off in 10 minutes!"

MOULDING PRODUCTS

Mould Release Agents

CHEMLEASE MOULD CLEANER

Mould cleaner. A unique solvent blend for removing buffing compounds, waxes, silicones and contaminants from moulds. It is wiped on liberally and then wiped off with clean, dry rags.

Available in 3.8 litre, 18.9 litre

SEALER 15 EZ

A high performance solvent based sealer designed to condition and seal mould surfaces. It reduces porosity moulds and acts as a base for new and reconditioned. Sealer 15 is a wipe on, wait 5 – 30 seconds, and wipe off system. 1 – 2 coats is recommended, 1 hour before applying release agents.

Available in 1 quart, 3.8 litre

CHEMLEASE ONE FS EZ

Chemlease One FS EZ is a semi-permanent release that is easy to apply and provides multiple releases for high gloss composite moulding. Used as a wipe on only product.

The EZ version of this material does not contain any chemicals listed on the Hazardous Air Pollutants list (HAPs). The original non-EZ formulation is still available for a limited time.

Available in 1 quart, 3.8 litre

75 EZ

A wipe on, wipe off solvent based semi-permanent release agent. Good under gelcoats and/or where high gloss is required. Good at helping to control pre-release. Wipe on and wait for evaporation 5 – 30 seconds, 10 minutes between coats, 30 minutes before moulding. 4 – 5 coats recommended.

Available in 1 quart, 3.8 litre

41-90

A wipe on only solvent based semi-permanent release agent. A high slip product for difficult moulds. Not good for gelcoats, as being so slippery the gels have trouble holding their films. Has a duller finish. 10 minutes between coats, 30 minutes before moulding. 3 – 5 coats recommended.

Available in 1 quart, 3.8 litre

258R

A wipe on or sprayable water-based sacrificial release agent for difficult or abrasive moulds, such as in mandrel wrapping. 10 minutes between coats, 10 minutes before moulding. 2 – 3 coats recommended.

Available in 1 quart, 3.8 litre, 18.9 litre

TR 104 WAX

is a high temp semi-permanent paste wax designed to handle all applications where a release wax would be used.

Available in 400 ml

PTFE FILM

Teflon mould release film with a self adhesive backing for a one operation mould release film requiring no release agent for multiple pulls.

Available by the square metre



Duratec Range, Mould and Plug Building

This novel range of polyester products from the U.S.A. is used to surface new moulds and tools, and to rejuvenate damaged surfaces. All the major composite builders now use it.

DURATEC POLYESTER SURFACING PRIMER, 707-002 GREY

Use Duratec Polyester Surfacing Primer to prime composite plugs and patterns, and a number of wood products – including those used for furniture, musical instruments and architectural applications.

Available in 1 gallon

DURATEC POLYESTER EZ SANDING PRIMER, 707-061 GREY

Duratec Polyester EZ Sanding Primer is an alternative to Duratec Polyester Surfacing Primer. The product offers faster curing time and easier sanding.

Available in 1 gallon

DURATEC POLYESTER SEALER, 823 CLEAR

A low viscosity, rapid curing, penetrating sealer that anchors lacquers, urethanes, polyesters, vinyl esters and most epoxies to a variety of substrates.

Available in 1 gallon

DURATEC SUNSHIELD CLEAR TOPCOAT, 904 061

A high-build, easily sandable coating designed as a topcoat for cured polyester, polyurethane and lacquer clear or colour coats.

Available in 1 gallon

DURATEC VINYL ESTER MOULD REPAIR PUTTY, 1802-007 BLACK

Duratec Vinyl Ester Mould Repair Putty is used to repair polyester and vinyl ester moulds.

Available in 1 quart

DURATEC VINYL ESTER HI-GLOSS TOPCOAT, 1904-045 CLEAR

Use Duratec Vinyl Ester Hi-Gloss Topcoat when a hi-gloss is desired after priming moulds.

Available in 1 gallon

DURATEC VINYL ESTER PRIMER, 1794-006 WHITE

Duratec Vinyl Ester Primer is used for composite yacht priming and to provide protection against blistering and osmosis damage.

SURFBOARDS

Light weight construction.

Klearlam Epoxy Resin

KLEARLAM EPOXY RESIN

A high performance laminating resin specifically formulated for the fabrication of light weight polystyrene cored surfboards when used with Klearlam Hardener.

KLEARLAM PART A	KLEARLAM PART B
1 litre	500 ml
2 litre	1 litre
4 litre	2 litre
10 litre	5 litre
20 litre	10 litre

KINETIX Epoxy Surfboard Systems

KINETIX epoxy surfboard systems have been formulated to address the surfing industry's interest in reducing the release of VOC's into the atmosphere, and are rapidly gaining acceptance for surfboard construction on the international market.

The KINETIX systems provide rapid room-temperature cure for lamination and cure to a clear, bloom-free finish.

KINETIX ECO- R130

A solvent-free, bio-based epoxy resin that has a reduced carbon footprint, utilises renewable resources and reduces the levels of VOC's into the atmosphere. This bio-based system is an eco-friendly alternative that is available with a choice of two hardener speeds to provide a rapid room temperature cure for surfboard lamination of polystyrene (EPS) or polyurethane (PU) foam. Bio-base, reduced environmental impact and UV resistant.

Available in 4 litre, 20 litre

KINETIX R110X

KINETIX R110X has been optimised to enhance the brightness of boards manufactured with white blanks, while still having rapid room temperature cure. R110X is not suitable for laminating surfboards that are intended to have a clear timber or clear carbon finish.

- Ultra white appearance
- Rapid cure hardener option

Available in 1 litre, 2 litre, 4 litre, 20 litre

KINETIX R104

KINETIX R104 provides a rapid room temperature cure for surfboard lamination. The system cures to a clear, bloom free finish with superior toughness and extended UV longevity with normal use.

- Clear finish
- Superior toughness
- Rapid cure hardener option

Available in 1 litre, 4 litre, 20 litre

KINETIX H125 STANDARD HARDENER

KINETIX H125 Standard Hardener for the Kinetix resin range. Refer to data sheets for cure times of specific resins.

Available in 500 ml, 1 litre, 2 litre, 5 litre

KINETIX H130 FAST HARDENER

KINETIX H130 Fast Hardener for the Kinetix resin range. Refer to data sheets for cure times of specific resins.

Available in 500 ml, 1 litre, 2 litre, 5 litre



Always refer to
data sheets for
cure times of
specific resins.

VINYL ESTER RESINS

Used in composite applications due to their excellent chemical resistance and high strength properties.

Swancor is a world leading manufacturer of specialty Epoxy Vinyl Ester (VER) and Epoxy Resin Products (EPR), resin systems, and specialty additives for use in composites and related applications under the brand-name "Swancor". All Adhesive Tech supplied Swancor Vinyl Ester Resins have DNV type approval.



Swancor

This series of vinyl ester resins offers exceptional performance in fields normally occupied by polyesters. Their outstanding corrosion resistance virtually eliminates osmotic gelcoat blistering, and gives a dramatic improvement in long-term laminate performance.

All Swancor products available in:

4 KG
20 KG
200 KG

SWANCOR 901

SWANCOR 901 is a Bisphenol A type epoxy vinyl ester resin. It provides excellent corrosion resistance to a broad range of organic and inorganic acids, alkalis, oxidising chemicals and salt solutions etc. It also provides very good mechanical strength such as tensile and flexural while incorporated with reinforcement such as glass fibre, carbon fibre or kevlar fibre. SWANCOR 901 is designed to provide superior toughness with excellent fatigue resistance, due to high heat distortion temperature.

SWANCOR 905

SWANCOR 905 is a brominated Bisphenol A type epoxy vinyl ester resin. It provides excellent corrosion resistance to a broad range of organic and inorganic acids, alkalis, oxidizing chemicals and salt solutions. It also provides very good mechanical strength such as tensile and flexural while incorporated with reinforcement such as glass fibre, carbon fibre or kevlar fibre. SWANCOR 905-2 offers excellent flame retardancy for FRP applications. ASTM E84 Class 1 can be achieved while incorporated with 3-5% antimony trioxide. It is designed to provide superior toughness with excellent fatigue resistance due to high heat distortion temperature.

SWANCOR 907

SWANCOR 907 is a Novolac type epoxy vinyl ester resin. It combines superior retention of mechanical properties at high temperature, such as tensile and flexural strength, and superior corrosion to chemical mixture, oxidising chemicals and solvents. SWANCOR 907 is designed to provide superior toughness with excellent fatigue resistance, due to high heat distortion temperature.

SWANCOR 984

SWANCOR 984 is an elastomer-modified vinyl ester resin – designed for use as primer for lining metal substrate. The inherent resilient properties provide increased flexibility, excellent adhesion and severe mechanical stress. It is the only vinyl ester resin available which offers combination of adhesion, flexibility, chemical resistance and abrasion resistance. Meanwhile with thixotropic property, it has ease of handling and fabrication advantages.



Specialised Vinyl Ester Resin

AT200 INFUSION RESIN

An infusion grade vinyl ester with low viscosity and improved fibre wet out for the manufacture of high grade infused products. AT200 has high impact resistance, excellent electrical and thermal insulation properties, and outstanding resistance to corrosion in many different chemical environments – including both acids and alkalis at room and elevated temperatures.

AT200 is a premium product designed for high and long lasting performance in a multitude of weather and water conditions.

Available in 4 kg, 20 kg, 200 kg

AT255 LAMINATING RESIN

A formulated variant with lower viscosity and thixotropy built in, to allow easy spraying through chopper guns and reduced drainage.

Available in 4 kg, 20 kg, 200 kg

AT350 VINYL ESTER

An infusable brominated vinyl ester resin with antimony trioxide that offers a high degree of fire retardance while providing excellent chemical resistance and toughness.

Available in 4 kg, 20 kg, 200 kg

AT8084 VINYL ESTER GLUE

A thickened elastomer modified vinyl ester resin. Designed to offer increased adhesive strength, superior resistance to abrasion and severe mechanical stress, while giving greater toughness and elongation.

Available in 4 kg, 20 kg

VE INFUSION RESIN

A low viscosity epoxy vinyl ester resin. Specifically designed with lower viscosities and long open times – ideal properties for infusion applications. VE Infusion Resin has excellent chemical resistance to acid and alkali environments.

Available in 4 kg, 20 kg, 200 kg

AT VINYL ESTER GEL AND FLOW COAT

A pigmented and thixotropic resin based on Swancor 901 Epoxy Vinyl Ester. It retains the outstanding properties of Swancor 901, but with added flow control to allow application at 'gelcoat' type film-builds. The gelcoat is pigmented white or black. A further variation of the gelcoat is the addition of a paraffin wax solution to create a flow coat for exterior surface laminating.

Available in 4 kg, 20 kg

VE TIMBER SEALER

Formulated for sealing timber, and provides a sound base for further laminating with polyester or vinyl ester resin. Its low viscosity facilitates application by brush, roller or spray to produce a smooth surface without particular effort. However, it should not be taken to be a replacement for a permanent waterproof barrier in external or damp interior areas of boats, such as bilges.

Available in 4 kg, 20 kg

HIGH TEMP TOOLING GELCOAT

A high-performance tooling gelcoat based on a vinyl ester resin, which also provides excellent heat resistance and excellent resistance to chemicals and solvents. It has a high gloss finish, which when properly cured, gives multiple releases between waxing and polishing – the minimum temperature during the cure cycle is 18°C. The catalyst to be used with this gelcoat is Norox CHM50 at 2 – 2.5%.

Available in 5 kg, 20 kg

Vinyl Ester Catalysts and Promotion Materials

Catalysts

MEKP - METHYL ETHYL KETONE PEROXIDE

Available in 100 g, 500 g, 1 kg, 5 kg

BM-50

Available in 100 g, 500 g, 1 kg, 5 kg

925H

Available in 100 g, 500 g, 1 kg, 5 kg

M200

Available in 100 g, 500 g, 1 kg, 5 kg

BPO PASTE

Benzoyl Peroxide 50%.

Available in 1 kg

CHP

Cumyl Hydro Peroxide.

Available in 1 kg

CHM50

CHP/MEKP blend designed for minimum gassing when used with vinyl ester resins.

Available in 100 g, 500 g, 1 kg, 4 kg

Promoters

COBALT NAPHTHENATE 6%

Promoter for use with MEKP, CHM50 and CHP catalysts.

Available in 1 kg

DMA

Dimethylaniline, vinyl ester cure accelerant.

Available in 200 ml, 1 kg

RETARDER SOLUTION

Vinyl ester cure inhibitor.

Available in 200 ml, 1 kg





METHACRYLATES

Fast curing with high elongation, high adhesion to multiple substrates.

Methyl Methacrylate Adhesives, or MMAs, are structural adhesives that have been developed to bond metals, plastics, and composites. They are designed with toughness, flexibility, and ease of use.

MMA-AT300

A two-part methacrylate, structural bonding adhesive designed for the structural bonding of various substrates including fibreglass, steel, aluminium and various plastics (not low energy surfaces). Combined at a ratio of 1:1, AT300 has a working time of 3 – 6 minutes and achieves nearly 90% of its ultimate strength in 10 – 15 minutes at room temperature curing. AT300 provides high strength bonds to the above reference surfaces with generally no preparation effort. AT300 bonds very strongly to steel, stainless steel and aluminium metals. AT300 adhesives are NOT UV STABLE, AND WILL YELLOW OVER TIME and must not be used to create imperceptible seams in counter-tops or for seaming counter-tops. This yellowing will not affect bond performance, but will affect bond appearance.

Available in 400 ml cartridge

MMA-AT310

A two-part methacrylate, structural bonding adhesive designed for the structural bonding of various substrates, including fibreglass, steel, aluminium and various plastics (not low energy surfaces). Combined at a ratio of 1:1, AT310 has a working time of 8 – 12 minutes and achieves nearly 90% of its ultimate strength in 18 – 25 minutes at room temperature curing. AT310 provides high strength bonds to the above reference surfaces with generally no preparation effort. AT310 bonds very strongly to steel, stainless steel and aluminium metals. AT310 adhesives are NOT UV STABLE, AND WILL YELLOW OVER TIME and must not be used to create imperceptible seams in counter-tops or for seaming counter-tops. This yellowing will not affect bond performance, but will affect bond appearance.

Available in 400 ml cartridge

MMA-AT330

AT330 is a two-part methacrylate, structural bonding adhesive designed for the structural bonding of various substrates, including fibreglass, steel, aluminium and various plastics (not low energy surfaces). Combined at a ratio of 1:1, AT330 has a working time of 18 – 32 minutes and achieves nearly 90% of its ultimate strength in 45 – 70 minutes at room temperature curing. AT330 provides high strength bonds to the above reference surfaces with generally no preparation effort. AT330 bonds very strongly to steel, stainless steel and aluminium metals. AT330 adhesives are not to be used to create imperceptible seams in counter-tops or for seaming counter-tops.

Available in 400 ml cartridge

MMA-AT425

A two-part methacrylate, structural bonding adhesive designed for the structural bonding of various substrates, including fibreglass, steel, aluminium and various plastics (not low energy surfaces). Combined at a ratio of 10:1, AT425 has a working time of 18 – 28 minutes and achieves nearly 90% of its ultimate strength in 50 – 70 minutes at room temperature curing. AT425 provides high strength bonds to the above reference surfaces with generally no preparation effort. AT425 bonds very strongly to steel, stainless steel and aluminium metals. AT425 adhesives are NOT UV STABLE, AND WILL YELLOW OVER TIME and must not be used to create imperceptible seams in counter-tops or for seaming counter-tops. This yellowing will not affect bond performance, but will affect bond appearance.

Available in 500 ml cartridge



MMA-AT560

A two-part methacrylate, structural bonding adhesive designed for the structural bonding of various substrates, including fibreglass, steel, aluminium and various plastics (not low energy surfaces). Combined at a ratio of 1:1, AT560 has a working time of 50 – 65 minutes and achieves nearly 90% of its ultimate strength in 140 – 180 minutes at room temperature curing. AT560 provides high strength bonds to the above reference surfaces with generally no preparation effort. AT560 bonds very strongly to steel, stainless steel and aluminium metals. AT560 adhesives are NOT UV STABLE, AND WILL YELLOW OVER TIME and must not be used to create imperceptible seams in counter-tops or for seaming counter-tops. This yellowing will not affect bond performance, but will affect bond appearance.

Available in 400 ml cartridge, 36 kg

AT120 MMA PRIMER

AT120 MMA Primer is a primer and conditioner for non-porous metals to allow better bond strength. Designed for AT-MMA products outside of the 800 series. To use, wipe on and leave for roughly 120 seconds to flash off.

Available in 1 litre

MMA-AT420

AT420 is a two-part methacrylate, flexibilised, structural bonding adhesive designed for the structural bonding of various substrates, including fibreglass, steel, aluminium and various plastics (not low energy surfaces). Combined at a ratio of 10:1, AT420 has a working time of 3 – 7 minutes and achieves nearly 90% of its ultimate strength in 10 – 15 minutes at room temperature curing. AT420 provides high strength and very flexible bonds to the above reference surfaces, with generally no preparation effort. AT420 bonds very strongly to steel, stainless steel, and aluminium metals and will allow a great deal of movement of the substrates due to CTE (Coefficient of Thermal Expansion) differences. AT420 adhesives are not UV stable and will yellow over time.

Available in 400 ml cartridge

// **MMA adhesives are not UV stable, and will yellow over time and must not be used to create imperceptible seams in counter-tops or for seaming counter-tops. This yellowing will not affect bond performance, but will affect bond appearance."**

Talk to us about ordering larger quantities.

FABRICS, CLOTHS AND CORES

E-Glass

CHOPPED STRAND MAT (CSM)

Chopped Strand Mat or CSM is a form of reinforcement used in glass-reinforced plastic. It consists of glass-fibres laid randomly across each other and held together by a powder binder.

WEIGHT	ROLL WIDTH
225 g/m ²	1040 mm
300 g/m ²	1040 mm
450 g/m ²	1040 mm

WOVEN CLOTH (GC)

Woven cloths are very common for marine and composite construction and repair. The light-weight cloths tend to provide a smooth finish and are excellent for producing a waterproofing layer over wood or other surfaces when combined with resin.

WEIGHT	ROLL WIDTH
86 g/m ²	1300 mm
100 g/m ²	1000 mm
200 g/m ²	1020 mm
290 g/m ²	1020 mm

BIAXIAL (BIAX GF)

Biaxial Fabric is composed of fibres stitched together at warp 0 degree and weft 90 degree. Biaxial fabric are available with or without chopped glass strand. Chopped strand mat is not a stock item but can be ordered in on request.

WEIGHT	ROLL WIDTH
400 g/m ²	1270 mm
600 g/m ²	1270 mm
800 g/m ²	1270 mm
MAT 400/225 g/m ²	1270 mm
MAT 600/225 g/m ²	1270 mm

DOUBLE BIAS FABRIC (DB GF)

Double-bias fabric is composed of fibres stitched together at +/- 45 degrees. Chopped strand mat is not a stock item but can be ordered in on request.

WEIGHT	ROLL WIDTH
430 g/m ²	1270 mm
625 g/m ²	1270 mm
800 g/m ²	1270 mm
MAT 430/150 g/m ²	1270 mm
MAT 625/225 g/m ²	1270 mm

TRIAXIAL FABRIC (TRI GF)

Triaxial fabric is composed of fibres stitched together at warp 0 degree and +/- 45 degrees. Not a stock item but can be ordered in on request.

WEIGHT	ROLL WIDTH
610 g/m ²	1270 mm
810 g/m ²	1270 mm

QUADRAXIAL FABRIC (QUAD GF)

Quadraxial fabric is composed of fibres stitched together at warp 0 degree, weft 90 degree and +/- 45 degrees. 850 and 1200g/m² are not stock items but can be ordered in on request.

WEIGHT	ROLL WIDTH
600 g/m ²	1270 mm
850 g/m ²	1270 mm
1200 g/m ²	1270 mm

UNIDIRECTIONAL (UNI GF)

Unidirectional fabric is a plain weave style with 95% of the fibre density in the warp 0 degree. 800g/m² is not a stock item but can be ordered in on request.

WEIGHT	ROLL WIDTH
460 g/m ²	420 mm
460 g/m ²	1270 mm
800 g/m ²	1270 mm

Fabrics, if not
in stock typically
take less than
a week to
process.

DOUBLE BIAS TAPE (DB GF)

Double-bias tape is composed of fibres stitched together at +/- 45 degrees.

WEIGHT	ROLL WIDTH
430 g/m ²	100 mm
430 g/m ²	150 mm
430 g/m ²	200 mm
625 g/m ²	100 mm
625 g/m ²	150 mm
625 g/m ²	200 mm

FIBREGLASS TAPE (FGT)

Available as full rolls or by the meter.

WEIGHT	ROLL WIDTH
200 g/m ²	25 mm
200 g/m ²	50 mm
200 g/m ²	75 mm
200 g/m ²	100 mm
200 g/m ²	150 mm

Carbon

CLOTH

CLOTH	WEIGHT	ROLL WIDTH
Carbon Twill 3K	200 g/m ²	1270 mm
	400 g/m ²	1270 mm
Carbon Plain Weave (Box) 3K	200 g/m ²	1270 mm

CARBON DOUBLE BIAS

WEIGHT	ROLL WIDTH
200 g/m ²	1270 mm
300 g/m ²	1270 mm
400 g/m ²	1270 mm

CARBON DOUBLE BIAS TAPE

WEIGHT	ROLL WIDTH
400 g/m ²	100 mm
400 g/m ²	150 mm
400 g/m ²	200 mm

CARBON UNI

WEIGHT	ROLL WIDTH
200 g/m ²	500 mm
300 g/m ²	500 mm Heat Set
300 g/m ²	600 mm Infusion
450 g/m ²	500 mm Heat Set
450 g/m ²	600 mm Infusion

CARBON BIAx

WEIGHT	ROLL WIDTH
500 g/m ²	1270 mm

CARBON QUAD

WEIGHT	ROLL WIDTH
800 g/m ²	1270 mm

Cores

BALSA

CLOTH	THICKNESS	SIZE
S.B100 Sealed Sheet (Rigid)	12 mm	1220 x 610 mm
	15 mm	
	20 mm	
Baltek S.B100 Sealed Contour	12 mm	1220 x 610 mm
	15 mm	
	20 mm	
	25mm	

COREMAT

THICKNESS	WIDTH
1 mm	1000 mm
2 mm	
3 mm	
4 mm	
5 mm	

Foam Cores

Foam Core sheets, if not in stock, typically take less than a week to cut and sand or perforate to process.

PVC FOAM

PVC Foams come in plain, contoured for tighter radius's or perforated for air and resin transfer in PF1 or PF2.

SHEET SIZE (MM)					
	PVC 60	PVC 80	PVC 100	PVC 130	PVC 200
THICKNESS (MM)	3	2450 x 1150	2180 x 1020	2050 x 950	-
	5	2450 x 1150	2180 x 1020	2050 x 950	-
	6	2450 x 1150	2180 x 1020	2050 x 950	1900 x 850
	8	2450 x 1150	2180 x 1020	2050 x 950	1900 x 850
	10	2450 x 1150	2180 x 1020	2050 x 950	1900 x 850
	12	2450 x 1150	2180 x 1020	2050 x 950	1900 x 850
	15	2450 x 1150	2180 x 1020	2050 x 950	1900 x 850
	20	2450 x 1150	2180 x 1020	2050 x 950	1900 x 850
	25	2450 x 1150	2180 x 1020	2050 x 950	1900 x 850
	30	2450 x 1150	2180 x 1020	2050 x 950	1900 x 850
	35	2450 x 1150	2180 x 1020	2050 x 950	1900 x 850
	40	2450 x 1150	2180 x 1020	2050 x 950	1900 x 850
	45	2450 x 1150	2180 x 1020	2050 x 950	1900 x 850
	46	-	-	-	1600 x 750
	47	2450 x 1150	2180 x 1020	2050 x 950	1900 x 850
	48	2450 x 1150	2180 x 1020	2050 x 950	1900 x 850
	50	2450 x 1150	2180 x 1020	2050 x 950	1900 x 850
	55	2450 x 1150	2180 x 1020	2050 x 950	-
	56	-	-	1900 x 850	-
	58	2450 x 1150	2180 x 1020	2050 x 950	-
	60	2450 x 1150	2180 x 1020	2050 x 950	-
	65	2450 x 1150	2180 x 1020	2050 x 950	-
	68	2450 x 1150	2180 x 1020	2050 x 950	-

M FOAM

M Foam has been developed to deliver one product for all marine applications. It provides a combination of high shear strength with low density, high elongation, high-temperature resistance, and low resin uptake. M Foam is a perfect choice whether your application is slamming area or superstructure, hull or deck, using hand lamination, infusion or prepreg.

SHEET SIZE (MM)					
	M 60	M 80	M 100	M 130	M 200
THICKNESS (MM)	3	2605 x 1285	2440 x 1220	2270 x 1130	2045 x 1015
	5	2605 x 1285	2440 x 1220	2270 x 1130	2045 x 1015
	6	2605 x 1285	2440 x 1220	2270 x 1130	2045 x 1015
	8	2605 x 1285	2440 x 1220	2270 x 1130	2045 x 1015
	10	2605 x 1285	2440 x 1220	2270 x 1130	2045 x 1015
	12	2605 x 1285	2440 x 1220	2270 x 1130	2045 x 1015
	15	2605 x 1285	2440 x 1220	2270 x 1130	2045 x 1015
	20	2605 x 1285	2440 x 1220	2270 x 1130	2045 x 1015
	25	2605 x 1285	2440 x 1220	2270 x 1130	2045 x 1015
	30	2605 x 1285	2440 x 1220	2270 x 1130	2045 x 1015
	35	2605 x 1285	2440 x 1220	2270 x 1130	-
	40	2605 x 1285	2440 x 1220	2270 x 1130	-
	44	-	-	-	-
	45	2605 x 1285	2440 x 1220	2270 x 1130	-
	47	2605 x 1285	2440 x 1220	-	-
	48	2605 x 1285	2440 x 1220	-	-
	50	2605 x 1285	2440 x 1220	-	-
	53	2605 x 1285	-	-	-

PET FOAM

PET Foam is sustainable – up to 100% recycled PET – and recyclable. It has good compressive strength and stiffness with superior thermal insulation and water resistance.

Low resin uptake and excellent machining while combining good insulation properties. Suitable for a wide range of applications and composite manufacturing techniques.

SHEET SIZE (MM)		
	PET100	PET300
THICKNESS (MM)	5	2400 x 1220
	6	2400 x 1220
	8	2400 x 1220
	10	2400 x 1220
	12	2400 x 1220
	15	2400 x 1220
	20	2400 x 1220
	25	2400 x 1220
	30	2400 x 1220
	35	2400 x 1220
	40	2400 x 1220
	45	2400 x 1220
	50	2400 x 1220
	60	2400 x 1220
	70	2400 x 1220
	80	2400 x 1220
	82	2400 x 1220

CONSUMABLES & CARTRIDGES

Solvents

ESOL

Epoxy solvent for cleaning equipment.

ACETONE

General purpose solvent for cleaning equipment.

MEK

Methyl ethyl ketone – commercial cleaner and solvent for glues, paints, coatings and printing inks.

All solvents
available in
1/4/20/200
litres

Vacuum Consumables

PEEL PLY

- Nylon Red Stripe 80 g: Rolls are all 100 lineal metres
Widths: 100mm, 150mm, 200mm, 1000mm, 1500mm
- Red / Blue Stripe: 1000 mm wide x 100 lineal metres

VACUUM FILM

- Pink 50 micron-4000
- Green 75 micron-4000
- Big blue 75 micron-6000
- Blue perforation film, P1-1450
- Vacuo Peel – Peel ply/breather stack
- Red tube bag 75 micron, 1200 mm wide (760 Dia)

RELEASE FILM

- PTFE Film – 1000 mm

VACUUM SEALANT TAPE

- Black: 3 mm x 12 mm x 15 lineal metres
- Yellow: 3 mm x 12 mm x 12.5 lineal metres

SPRAY TACK

- 3C infusion spray tack 650ml

TRANSFER MEDIUM

- Green Mesh: 1042 mm
- Infuplex 1450 mm (Perf/High speed flow combo)

PIPING BAG

- 75 microns

INFUSION TUBING

- Polyethylene tubing (10 mm) o.d – 100 lineal metres
- Polyethylene tubing (12.7 mm) o.d – 100 lineal metres
- Polyethylene tubing (16 mm) o.d – 100 lineal metres
- Polyethylene tubing (23 mm) o.d – 100 lineal metres

SPIRAL TIE WRAPS

- 10 mm o.d – 15 lineal metres
- 12 mm o.d – 15 lineal metres
- 22 mm o.d – 15 lineal metres

TAPS

- 13mm Control Tap
- 19mm Control Tap

PLASTIC TEES

- 10 mm o.d – 25 packs
- 12 mm o.d – 25 packs
- 19 mm od – 25 packs



Application Equipment

PAINT BRUSHES

Order as singles or a box

- Paint brush 25 mm
- Paint brush 50 mm
- Paint brush 75 mm
- Paint brush 100 mm
- Small brushes (803-12) – 12 pack

STIRRING STICKS (804-8)

- Wooden sticks, 150mm long, available as an 8 pack or box of 500

SQUEEGEE (808-2)

- Plastic wet-out squeegee, 2 pack

NOTCHED GLUE SPREADER 809

- Resin comb for glue thickness control

METAL ROLLERS

- 12 mm and 16 mm laminating rollers

Dispensing Equipment

BENCH MOUNT PUMP

- Available in 5:1 by volume, 4:1 by weight

MINI PUMPS

For West System and ADR Range, available in multiple mix ratios

- Mini Pump 3:1 (303) – set
- Mini Pump 5:1 (300) – set
- Mini Pump D – set

SYRINGES

- Small syringes (807-2) – 2 pack
- Large syringes 60cc – each

PLASTIC MIXING CUPS

- Available as singles or a pack of 50.

PAPER MEASURING CUPS

- Available as singles or a pack of 50.

ICE CREAM CONTAINERS

- Available as singles

GENERAL DISPENSING GUNS

- ATL294 Dual component dispensing gun
- Terostat gun (dual)
- Terostat gun (single)
- Sealant nozzles for terostat
- Static mixing nozzles

MMA DISPENSING GUNS

- 400 ml Manual 1:1 Dispensing Gun
- 500 ml Manual 10:1 Dispensing Gun

Cartridge Products

The key benefits of using cartridges with static mixers for adhesive applications:

- **Ease of Application:** The cartridge and static mixer combo allows for simple and direct application of the adhesive to bonding surfaces. This reduces the need for extra tools or consumables, making the process more efficient.
- **Consistency:** With the static mixer, the adhesive is mixed right before it's applied, which helps ensure the right mixture ratio every time, reducing the risk of errors.
- **Flexibility:** Cartridges offer a flexible solution for a variety of applications, giving users more control over the amount of adhesive used.
- **Minimising Waste:** The ability to use the right amount of adhesive reduces waste and helps in controlling costs.

Additionally, the option to have other ADR range products packed in a cartridge is available – provided minimum quantity requirements are met. This can be convenient for customers who want a streamlined, easy-to-use solution.

Note when using static mixers, the first 60–100mls needs to be discarded to ensure correct mixing is achieved.



HPR25, HIGH PEEL, TOUGHENED, NON-SLUMPING EPOXY ADHESIVE

A pre-filled glue designed to cure at room temperature and produce a high strength bond with exceptional peel properties. HPR25 system was developed specifically for the structural bonding of aluminium alloys and composite structures. The system exceeds the requirements pertaining to ASTM D1002; which are called for in certain military applications. The standard HPR25B hardener is available in black or white. A low viscosity variant of the hardener is available (HPR25BLV).

Available in 450 ml cartridge

ADR501 TECHNIGLUE

A pre-thickened general purpose epoxy resin glue. Techniglue will form a strong, permanent, waterproof bond to a variety of substrates and is suitable for bonding structural elements fabricated from wood, concrete, fibreglass, stone and marble, pottery, metal (ferrous and non ferrous) and some plastics.

Available in 450 ml cartridge

Literature

Check out our range of technical guides.

- Wooden Boat Restoration & Repair
- Gelcoat Blister Repair
- Fibreglass Boat Repairs & Maintenance
- Final Fairing & Finishing
- Advanced Vacuum Bagging Technique
- Fatigue Aspects of Wood / Epoxy
- West Manual & Product Guide
- Cedar Manual
- The Gougeon Brothers on Boat Construction: Wood and WEST SYSTEM® Materials



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