SOURCE BOOK

Composite Solutions... Delivered Daily.

REVCHEM
Composites

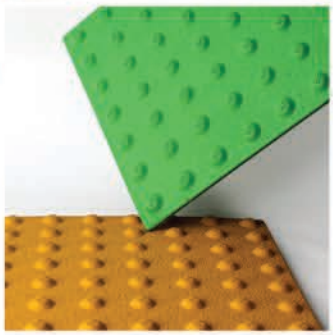
DURA-KOTE
POLYESTER GEL COATS

THREE DAY
CUSTOM COLOR MATCHING







ANAB ACCREDITED
NSF
Registered to ISO 9001

3 Day Custom Color Matching!

Surface Coatings for High Performance Composites.
World Class Since 1976.

Are you looking for a color we do not offer in our standard color guide?

If you have a color you need matched for a repair, or a special project, we can match it.

We know your time is valuable, which is why our typical color matching turnaround time is 3 working days.

Dura-Kote has 4 NEW colors added to the stock colors:

- **Ultra Violet: 309-514**
- **Hot Pink: 310-813**
- **Espresso Bean: 301-902**
- **Electric Lime: 306-995**

RECOMMENDED PRODUCT
LEADER IN SURFACE TECHNOLOGY

DURATEC
SURFACING TECHNOLOGY

To find out more about our custom color matching program, contact your Revchem Technical Sales Representative for details.

www.revchem.com
2720 SOUTH WILLOW AVE. BLOOMINGTON, CA 92316 • (909) 877-8477

REVCHEM Composites

OUR MISSION

Revchem Composites is committed to increasing the productivity and profitability of composite fabricators.

ABOUT US

Revchem Composites offers an extensive selection of composite materials, supplies and equipment. Our large inventory, personalized customer service, fast & flexible delivery, on-site sales support, and technical expertise, makes us a valuable partner to the composites industry.

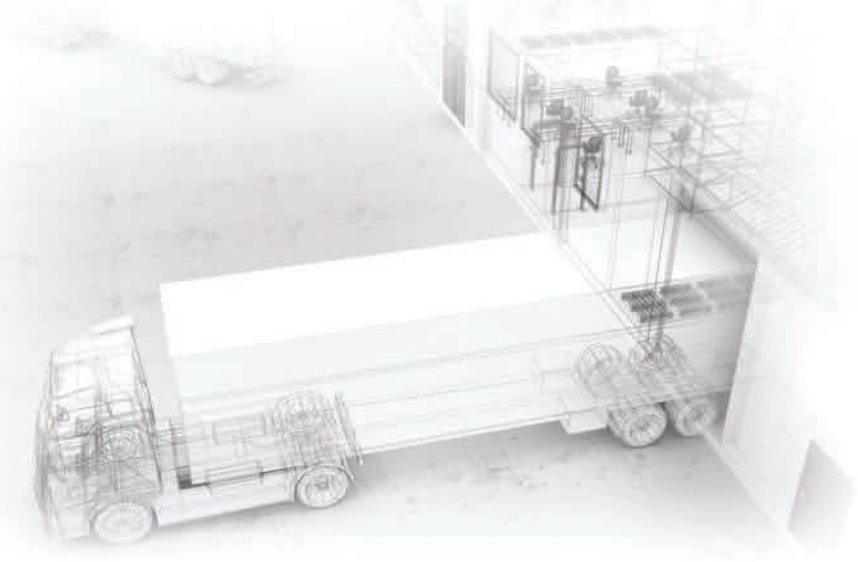
We carry more than 4,000 products from over 200 suppliers. If we do not already have what you need, then we will promptly source the product you are looking for.

Our 6 west coast distribution centers supply customers throughout North America, South America, Europe and Asia.

Our technical sales team provides expert advise and on-site support. We are focused on meeting your individual needs.

For over 30 years, we have helped customers improve their processes, re-engineer their parts and grow their business. We do what it takes to help keep your business profitable and relevant in today's ever changing environment.

Revchem Composites has been Delivering Composite Solutions Daily since 1975.



3M
AOC
BGF INDUSTRIES
BJB ENTERPRISES
CASS
COASTAL ENTERPRISES
composite resource
COOSA COMPOSITES, LLC
CYTEC PROCESS MATERIALS
DIAB
DURATEC SURFACING TECHNOLOGY
ELANTAS
ETECO
Gurit
INTERPLASTIC CORPORATION
HEXCEL
PRO-SET
SAERTEX
UNITED INITIATORS
TR

WHY SOURCE FROM US?

Revchem Composites is the West Coast's premier provider of composite materials, supplies and equipment.

We have 6 West Coast locations to provide fast, flexible delivery. Orders are often delivered by the next day! We ship products across the country and around the world.

Our customer service, technical expertise, sales support, and extensive product selection enable us to meet all your composites needs.

Give us a try. You'll be glad you did!

- **RAW MATERIALS**
- **PROCESSING EQUIPMENT**
- **PRODUCTION SUPPLIES**
- **EXPERT TECHNICAL SUPPORT**

Protective Equipment | Adhesives & Tapes Division | Fast Bond Adhesives

Revchem Composites distributes **3M Industrial Adhesives and Tapes**. The Industrial Adhesives and Tapes Division (IATD) designs and manufactures extensive product lines within five businesses: Converter Markets and Bonding Tapes; Specialty, Single-Coated and Masking Tapes; Adhesives; and Protective Equipment, etc.

We offer acrylic, epoxy, urethane, hot melt, cyanoacrylate, aerosol adhesives and chemicals, water-based and solvent-based general liquid adhesives, adhesive applicators and specialty sealants; a complete line of single and double-coated pressure sensitive tapes, including adhesive transfer tapes, masking, specialty tapes, bundling and reinforcing, protective tapes and equipment.

These products are ideal for applications that need high and low temperature performance, long term protection, special characteristics, weatherability, durability, high strength, bonding, sealing, tamper indicating, identifying, box closure and sealing, bundling and reinforcing, masking and gasketing.

We distribute 3M tapes for construction, industrial, electronics, transportation, metal and metal finishing, plastic, wood (furniture), appliances, recreational, medical device, pharmaceutical, marine, metal finishing, or aerospace.

Filtering & Respirators

From foundries to wood working, workers in many industries require protection from airborne particles and mists.

Sweeping, sanding, grinding, sawing, bagging, welding – each creates a unique set of conditions, especially given environmental considerations such as heat and humidity.

3M's wide selection of filtering face-piece respirators helps you match the respirator to your environment. 3M uses a variety of innovative technologies and features to help you meet your protection and comfort needs.

World Leader in Resin Technology

AOC serves the composites and cast polymer manufacturers with world-class resins, additives, materials systems and technical support. As a privately-owned enterprise, AOC achieves success through long-term customer satisfaction, not short-term investment gains. The company is focused on helping each customer improve quality, increase productivity and find new opportunities to grow.

AOC manufactures resins for every major composite and cast polymer manufacturing process and end-use market segment. AOC's broad range of resins is designed to meet specific requirements for ease of processing, end-use performance and regulatory compliance.

AOC products are designed to help create synergistic material systems. Interdisciplinary teams engineer AOC systems for superior chemical compatibility. They, then, become part of the technical support network that ensures the customer gets the maximum benefit.

Since its inception, AOC has invested more time, money and energy into technology than any other resin producer. For new technologies that deliver unique benefits, Polymer Scientists turn opportunity into reality. Development work includes expanding AOC's "green" technologies, including new resins that incorporate renewable resources. AOC research and development is also sharpening its focus on enhanced process and material technologies for wind energy systems.

GREEN RESINS | MARINE | PULTRUSION | TRANSPORTATION
CORROSION | ENERGY & INFRASTRUCTURE | BATHWARE
CULTURED MARBLE & SOLID SURFACE | CAST POLYMERS

Altek
GENERAL PURPOSE LAMINATING RESINS

Firepel
FIRE RESISTANT RESINS

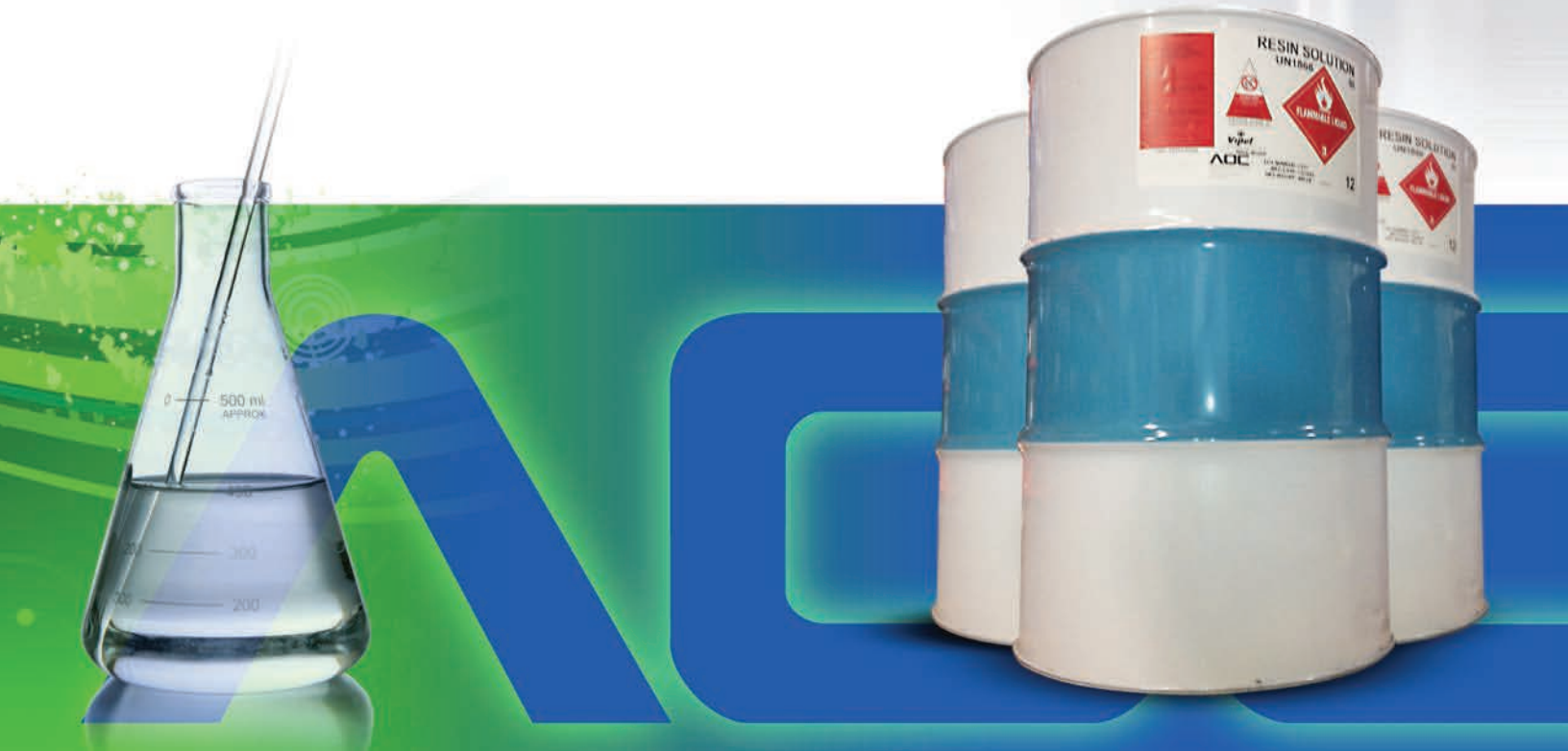
Vipel
CORROSION RESISTANT RESIN

Vicast
CASTING RESINS

Hydropel
HIGH PERFORMANCE MARINE RESINS

PulTru
PULTRUSION RESINS

EcoTek
GREEN TECHNOLOGIES



High Performance Fabrics for the Surf Industry

BGF Industries is a leading US manufacturer of high performance fabrics and materials.

Fiberglass fabrics are the core strength comprising the interior structure of the fuselage in most aircraft today. Our E-glass and high strength S-glass fabrics for composites applications utilize a heavier construction with complex weave patterns to produce a very high strength, high performance, lower cost fabric than carbon or Kevlar®.

Aerialite sets new heights in board technology. Since its inception, Aerialite has raised the bar for high-performance surf glass. The only fabric developed by board builders, Aerialite took two years of research and development to perfect. The result is a fabric that ensures the high-quality look and finish that surfers expect.

Aerialite displays improved wetout and clarity, which increases laminate strength and provides a smoother, whiter surface.

It's strong, durable and lightweight - providing superior handling and cleanliness to ensure smooth, trouble-free manufacturing.

Aerialite is available in various styles - each offering unique physical properties to meet your meticulous production standards.

Aerialite is readily available because every yard of Aerialite is manufactured in the USA.

Aerialite®

Urethanes, Foams, Silicones, Epoxy and Equipment

BJB Enterprises is a leading manufacturer and supplier of thermosetting polyurethane, epoxy and silicone systems worldwide. To assist in processing these materials, they also manufacture and supply hand-held and production meter-mix-dispensing equipment, vacuum pump systems, and rotational casting machines, all of which can be customized to suit your needs.

Established in 1970, the main objectives at BJB Enterprises, Inc. have been to provide their customers with innovative product development, consistent quality products, and unsurpassed service. BJB is an ISO 9001:2008 certified company.

BJB products are used by a variety of industries. They formulated a clear urethane system to simulate ice for Gotham City in one of the Batman Movies, supplied materials for a clear water tower in the sky above New York City. They furnish resins and tooling that help decide how your next automobile might look. They deliver products for diagnostic medical equipment housings, and materials that go in to the sea for oceanographic exploration.

Urethanes
Flexible- Also referred to as Shore A elastomers, these materials range in hardness from gels to firm rubbers.

Semi-Rigid
Also referred to as Shore D elastomers, these hard rubbers are typically used to make wear resistant parts and molds.

Rigid
The rigid plastic urethanes simulate a wide variety of injection molded products such as polypropylene, ABS, and polycarbonate.

Clears
Our Water Clear materials range from flexible to rigid systems. These castable urethanes are exceptionally clear and can also be pigmented.

Machine Cast
Ranging from flexible to rigid systems, these materials are well suited for machine dispensing for production and prototype parts.

Spray
These fast sprayable materials include foam, flexible, and rigid urethanes.

Foams
Rigid and flexible two-part castable, expanding foam systems.

Silicones
Platinum Based- Also known as Addition-Cure, platinum silicones have a broad range of hardness and exhibit good heat and chemical resistance.

Tin Based
Also known as Condensation-Cure, tin silicones are user friendly and make good general purpose molds.

Silicone Accessories
Primer, thinner, and thickening agents.

Epoxy
Laminating, surface coats, casting, adhesive, and potting epoxy systems for low and high temperature applications.

Misc Products
Mold releases, pigments, coatings, and surfactants/anti-foam.

Equipment
Meter-mix dispense, vacuum systems, rotational casting, and hand-held dispense equipment.

Composite • Adhesive • Surfacing • Solutions

CASS Polymers and subsidiaries have been leaders in formulating, manufacturing and marketing complex industrial composites, specialty adhesives and polymer coatings since the 1950's.

By adhering to ISO 9001:2000 standards, CASS has established a repeatable model for developing and producing high-quality thermoset polymer systems. CASS has removed the guesswork, assuring customers consistent quality with each on-time delivery.

ADTECH Plastic Systems has a complete line of over 100 precision epoxy, polyester and urethane plastic systems for Aerospace, Automotive and Marine applications, ADTECH is recognized around the globe for products designed by industry experts who are committed to uncompromising excellence.

From epoxy laminating systems, polyester adhesives and repair materials to epoxy and polyester fairing compounds and set-fast adhesives, their reputation is built on their ability to provide effective custom solutions to the Tooling, Manufacturing, Automotive, Aerospace and Marine Industries. They are known for innovative, solution-based plastic systems that are formulated to minimize production time while guaranteeing integrity of product and increased profitability.

We carry a large selection of Tool Chemical Composite products which is a line of CASS Polymers, Inc. TCC is committed to manufacturing technologically advanced products and are fully capable of meeting requirements presented by computer-assisted design, rapid prototyping, just-in-time inventory and reverse engineering. They are equally committed to manufacturing and distributing products in an environmentally responsible fashion.

Foam Boards & Polyurethane Precision Board Plus

Coastal Enterprises was founded in 1973. Products manufactured by Coastal Enterprises are designed primarily for the machining industry. High density urethane blocks used to "proof" computer programs on numerically controlled milling machines. Ease in machining and lower cost made urethane is the preferred choice over proofing on the actual steel used for the part being machined.

In addition, Coastal Enterprises developed Precision Board Plus fabrication material with physical characteristics to meet the rigorous demands of an artist's creation and the machining standards of today's 5 axis milling machines alike.

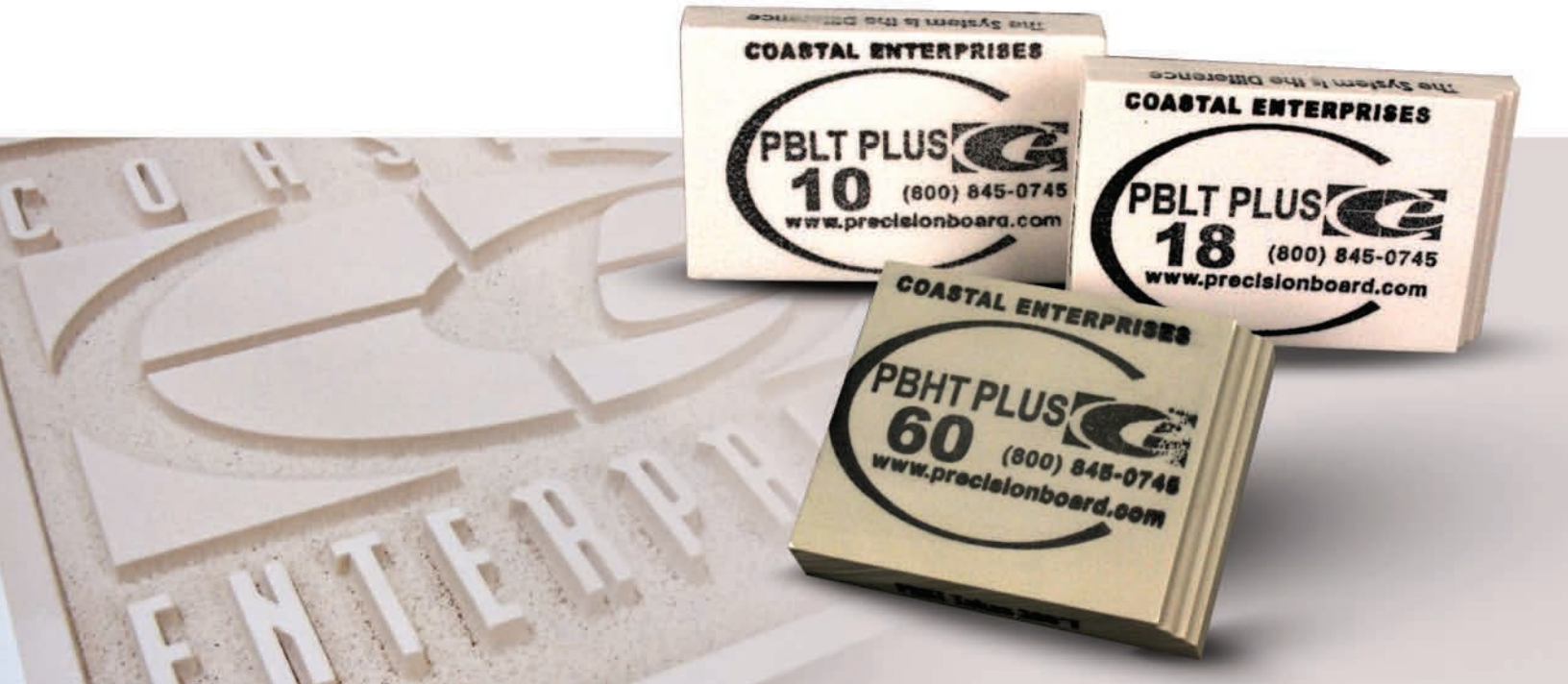
Foam Board (High Temp) Polyurethane Precision Board Plus

- Prototype Machining
- Thermoforming
- Vacuum Form Tooling
- Tool Proofing
- Pattern Making
- Master Model Making
- Soft Tooling – All Types
- Prepreg Composite Lay-up Tooling

Precision Board Plus (Low Temp) Great for:

- Composite Lay-up Tools
- Vacuum Form Tools
- Tool Path Verification
- Tool Proofing
- Model Making
- Prepreg Lay-up Tools
- Autoclave Support Tools
- Aerospace Lay-up Tools
- Automotive Die Tools
- Foundry Patterns & Masters
- Prototype Patterns
- Pattern Making
- Machined Tools

Coastal Enterprises will fabricate any size and shape, small to extra large, sheet or block tool to meet your specifications. This allows you to immediately start the machining process on arrival with no bonding delay. Custom bonding not only reduces machine time but saves on material costs as well.



Resins | Foam | Hardeners | & More

Composite Resources specializes in fiberglass boat construction, wood and fiberglass boat repair, and a full product line for surfboard manufacturing.

Polyester Marine Lam Resin:
Moisture resistant, laminating/ bonding resin for use with fiberglass cloth, woven roving or chop strand fiberglass matting.

Iso Marine Laminating Resin:
ISO/Polyester Marine Laminating Resin is a high strength laminating resin that can be used with fiberglass cloth, woven roving or chop strand fiberglass mat.

Clear Surfboard Epoxy Hardener:
Clear Surfboard Epoxy is a UV resistant, non-blushing, high strength epoxy system designed for construction and repair of surfboards made with EPS and extruded Styrofoam blanks.

Polyurethane Foam:
Polyurethane Foam is a two-part pour in place system. Designed for use by hand mixing, power drill and jiffy mixer, or through plural component polyurethane dispensing equipment.

Polyester Clear Casting Resin:
Polyester Clear Casting Resin is a water clear mass casting resin. It is specifically formulated to cure at a slower rate with less heat which will help to alleviate the stress cracks that can occur with large castings.

Polyester Surfboard Gloss Resin:
Polyester Surfboard Gloss Resin is a blend of polyester resins designed for gloss coats or finish coats for surfboards.

Polyester Surfboard Sanding Resin:
Surfboard Sanding Resin is a clear, UV stable, wax inhibited top coat resin. Ideal for sanding coats on surfboards, ding repair or any application where a clear top coat is required.

Polyester Surfboard Lam Resin:
Polyester Surfboard Laminating Resin is clear and UV stable. Ideal for surfboard construction and repair.

UV Cure Polyester Surfboard Sanding Resin:
UV Cure Polyester Surfboard Sanding Resin is a clear, UV stable, wax inhibited top coat resin. Ideal for sanding coats on surfboards, ding repair or any application where a clear top coat is required.

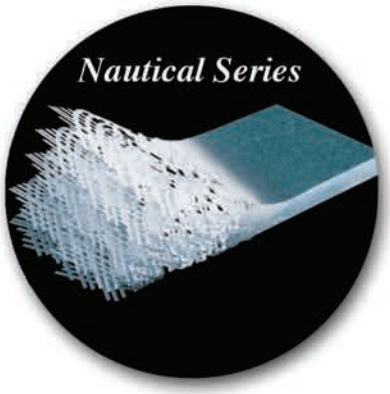
UV Cure Polyester Surfboard Gloss Resin:
UV Cure Polyester Surfboard Gloss Resin is a blend of polyester resins designed for gloss coats or finish coats for surfboards.

UV Cure Polyester Surfboard Laminating Resin:
UV Cure Polyester Surfboard Laminating Resin is clear and UV stable. Ideal for surfboard construction and repair.

High Density Polyurethane Foams

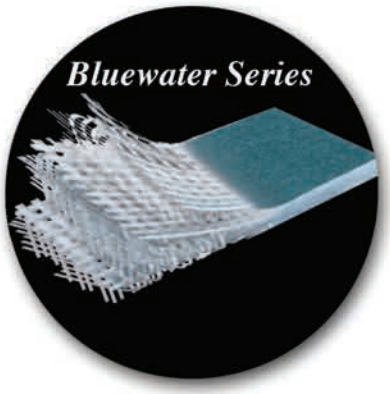
Coosa Composites manufactures structural panels made of high-density, polyurethane foam reinforced with layers of fiberglass. The no-rot and light-weight advantages of foam combined with the structural properties of fiberglass make Coosa panels an excellent replacement material for wood and other traditional core materials. Coosa panels are used throughout the marine, industrial and transportation industries in structural and non-structural applications.

Coosa produces panels in 4x8 ft up to 5x12 ft and can pre-cut and kit parts for those that prefer an extra level of customized service.



High-density, polyurethane foam reinforced with layers of continuous strand fiberglass

- Nautical 15: Highly-economical, lightweight glass-reinforced panel
- Nautical 20: Economical alternative in Nautical line
- Nautical 24: One of Coosa's stronger and stiffer panels



High-density, polyurethane foam reinforced with layers of woven roving and continuous strand fiberglass

- Bluewater 20: Typically used as a semi-structural component
- Bluewater 26: Ultimate high strength-to-weight ratio

UL94HB fire-rated and approved 40% to 60% lighter than plywood Water absorption less than 1.5% No rot or insect infestation Fiberglass reinforced

Coosa Composites CFR panel is a light-weight, fiberglass reinforced composites material that is UL recognized and registered per the UL94HB flame test standards.

- CFR-15: 15 pcf, fiberglass-reinforced, available 3/8" up to 2"
- CFR-20: 20 pcf, fiberglass-reinforced, available 1/4" up to 2"
- CFR-24: 24 pcf, fiberglass-reinforced, available 1/4" up to 2"

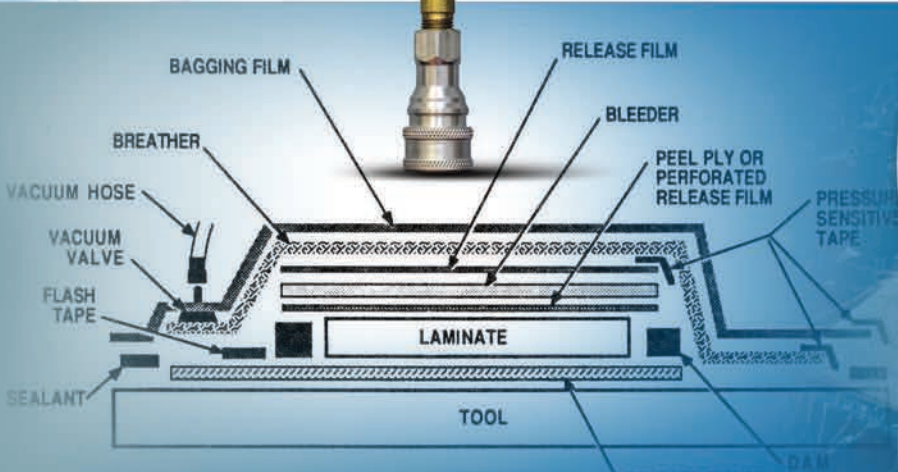
CYTEC PROCESS MATERIALS

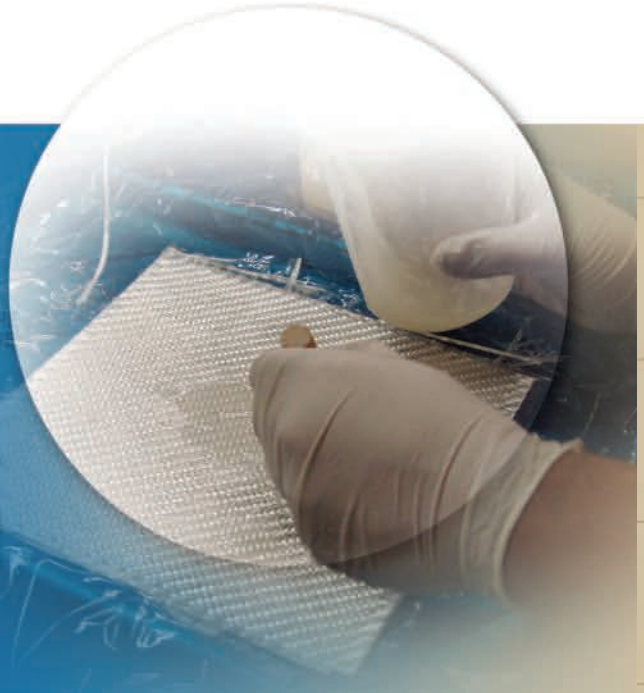
Vacuum Bagging Supplies & Process Materials

Cytec Industries Inc. is a global specialty chemicals and materials company focused on developing, manufacturing and selling value-added products. Cytec products serve a diverse range of end markets including aerospace, adhesives, automotive and industrial coatings, inks, mining and plastics.

Infusion & Vacuum Bagging

Vacuum Infusion is a fabrication technique that uses vacuum pressure to drive resin into a laminate. Vacuum Bagging is a technique that uses vacuum pressure on a composite laminate during the cure cycle. Pressurizing a composite lamination serves several functions. First, it removes trapped air between layers. Second, it compacts the fiber layers for efficient force transmission among fiber bundles and prevents shifting of fiber orientation during cure. Third, it reduces humidity. Finally, and most important, the vacuum bagging technique optimizes the fiber-to-resin ratio in the composite part.





Polymer Foam and Balsa Structural Core Materials

The **DIAB** structural core materials range has been progressively developed and refined to meet the many and varied requirements of its worldwide customer base.

Three Factors Influencing Finishing Selection:

Analyzing the three main influencing factors:

1. **Success Criteria**
2. **Manufacturing Process**
3. **Geometric Curvatures**

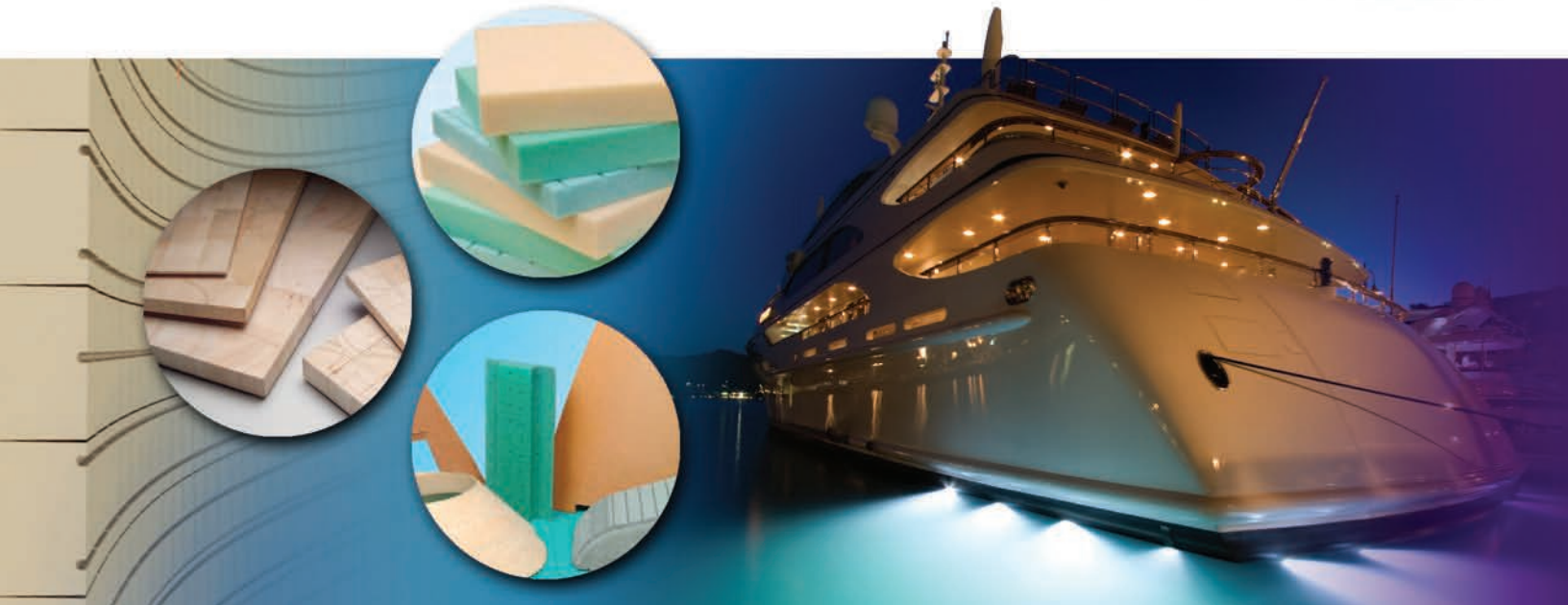
As you begin to evaluate and make decisions based on these factors, it is important to understand that they relate in unique ways depending on the type of application - meaning that each factor can influence the others.

Despite their high strength performance in service, all DIAB core materials are particularly easy to work using conventional woodworking tools. They can be drilled, milled, turned and sawn to close tolerances. In addition to flat sheets, DIAB core materials are available in a wide variety of forms including grid-scored materials for female mould construction and kits.

With ISO 9001 accredited manufacturing facilities in the United States, Sweden and Italy plus operating subsidiaries in eight countries, we are able to offer an unrivalled level of support irrespective of where they or their project are located.

Divinycell

The Divinycell range of polymer foam cores is the most comprehensive available. Each grade has been developed so that it meets a specific set of performance criteria. This allows designers, engineers and composite manufacturers to select the most appropriate material for their specific application. Need excellent FST (fire smoke and toxicity) properties then look no further than Divinycell F or P. Each grade is available in a range of densities so that you can fine tune your selection. All grades are also available in a range of finishes to facilitate installation, enhance component quality and to meet process requirements. For series production, all Divinycell cores can be supplied in ready-made construction kits.



DURA-KOTE
POLYESTER GEL COATS

World Class Coating Technology Since 1976

Dura-Kote gel coats are among the most vibrant and durable gel coats available to the composites industry.

Dura-Kote has engineered their gel coats to make your life easier and your products even more appealing. They are focused on your need for quality, simplicity, speed, and outstanding technical support.

Dura-Kote makes selecting your gel coat effortless. If you require a color they do not offer in the standard color guide, they will develop the custom color you need matched perfectly. Time is valuable, and Dura-Kote has the technology and experience to fulfil your orders quickly and accurately.

Dura-Kote has these 4 NEW colors added to the stock colors contained within this guide:

- **Ultra Violet: 309-514**
- **Hot Pink: 310-813**
- **Espresso Bean: 301-902**
- **Electric Lime: 306-995**

Dura-Kote is an industry leader in custom color matching and they have very fast turn around time. To find out more about our custom color matching program, contact your Revchem Technical Sales Representative for details.

NSF®
Registered to ISO 9001

ANAB ACCREDITED

LEADER IN SURFACE TECHNOLOGY

Dura Technologies, Inc. • Bloomington, California • ISO9001: 2008

Sealers, Primers and Topcoats for Manufacturing Professionals

DURATEC
SURFACING TECHNOLOGY

The Duratec Product Line is famous for providing unique surfacing options for composites production.

Duratec Sealers, Primers and Topcoats have defined quality for plug and pattern surfacing for more than thirty years. The product range includes:

- Polyester products for fast cure, easy sanding and great glossy surfaces.
- Vinyl ester products provide heat stability up to 300°, plus great gloss transfer to tooling gelcoat.

Duratec is an alternative to sanding gelcoat. Duratec primers, used in-mold, provide benefits by:

- Eliminating porosity,
- Reducing part weight,
- Providing an in-mold surface for epoxy laminated parts.
- Duratec in-mold primers reduce surface defects and simplify necessary repairs.

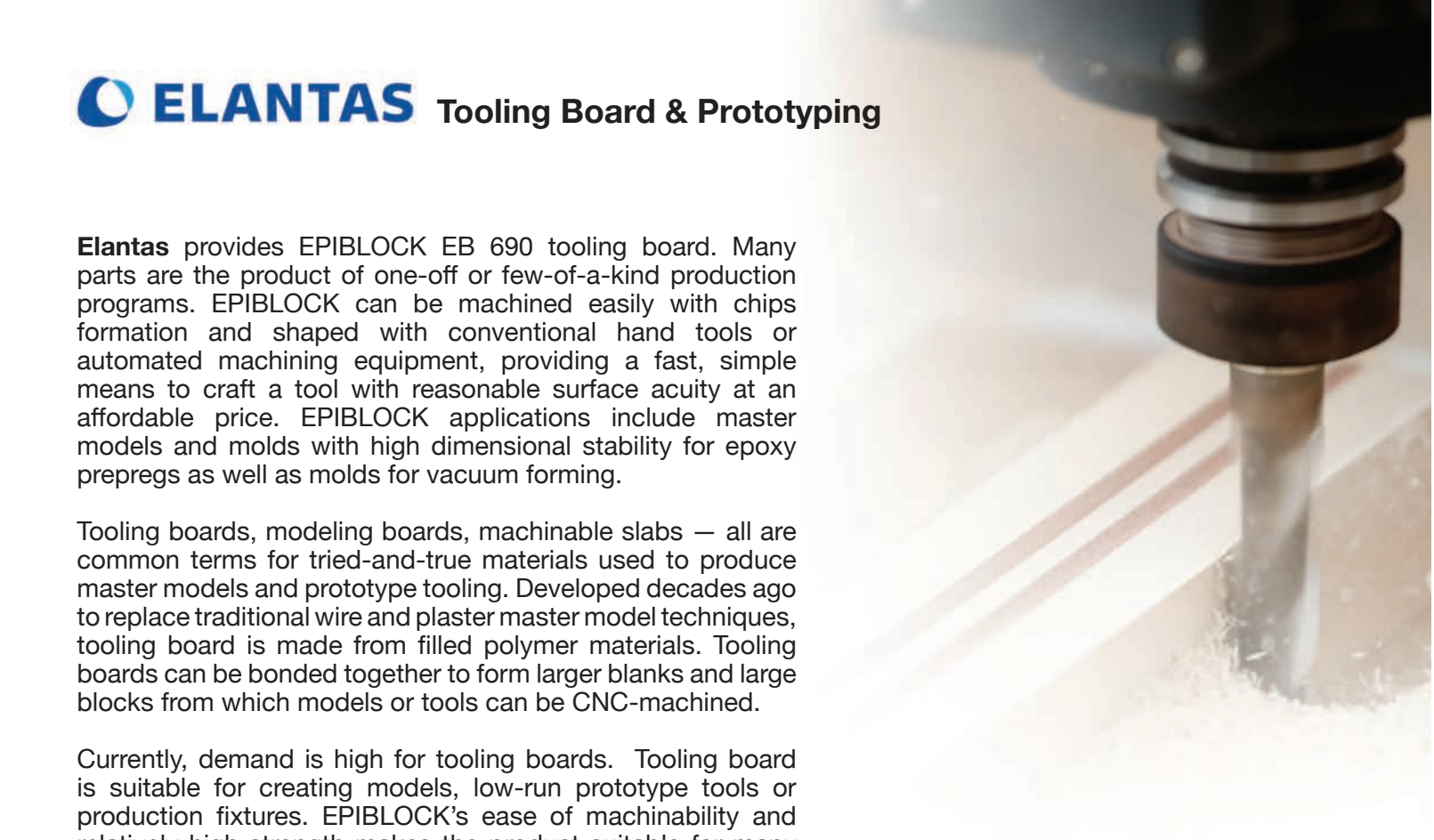
Duratec also provides unique products for resurfacing composite molds. The Duratec Vinyl Ester Primer and Topcoat provide a “better than new” surface for molds made with polyester, vinyl ester or epoxy laminate.

The Duratec Vinyl Ester Primers and Putties are easy-sanding fairing options for Marine Construction. The Duratec Marine System features tremendous water resistance, heat stability, and sanding advantages.

Other Duratec specialty products include:

- High Gloss Clear Polyesters for Interior Wood,
- StyroSafe Resin for EPS foam,
- Other air-cure products where high performance demands premium quality and performance.

ELANTAS Tooling Board & Prototyping



Elantas provides EPIBLOCK EB 690 tooling board. Many parts are the product of one-off or few-of-a-kind production programs. EPIBLOCK can be machined easily with chips formation and shaped with conventional hand tools or automated machining equipment, providing a fast, simple means to craft a tool with reasonable surface acuity at an affordable price. EPIBLOCK applications include master models and molds with high dimensional stability for epoxy prepregs as well as molds for vacuum forming.

Tooling boards, modeling boards, machinable slabs — all are common terms for tried-and-true materials used to produce master models and prototype tooling. Developed decades ago to replace traditional wire and plaster master model techniques, tooling board is made from filled polymer materials. Tooling boards can be bonded together to form larger blanks and large blocks from which models or tools can be CNC-machined.

Currently, demand is high for tooling boards. Tooling board is suitable for creating models, low-run prototype tools or production fixtures. EPIBLOCK's ease of machinability and relatively high strength makes the product suitable for many applications. EPIBLOCK 690 is a cured rigid toughened material based on filled epoxy modified resins. High thermal resistance. Good compression resistance. Low thermal expansion coefficient. Machinable, and good surface finishing.

Eteco, Inc. is a producer of wide spectrum low, medium and high-density polyurethane flexible foams (“F” Series), flexible foams for prosthetics (“PF” Series) as well as specialty polyurethane flexible foams for shock absorption, noise and vibration dampening (“FD” Series). Also available in a spray version for sound and noise insulation polyurethane flexible foams (“SP F” Series). Eteco flexible polyurethane foams are widely used for seating, sound insulation, head rest, arm rest, head liners, instrument panels, sporting goods, toys etc.

Rigid Polyurethane Pour Foams

Eteco provides various rigid polyurethane pour foams (“HP” Series) designed for processing trough plural components low or high-pressure pour equipment as well as processing by hand-pour techniques. Rigid polyurethane pour foams are used for void filling, decorative and architectural parts, picture frame and molds, foam boards for tooling, roto molding, high-temperature resistant foam etc.

Reaction Injection Molding (RIM) and Cast Elastomers

RIM and cast polyurethane elastomers are formulated and produced to the highest standards utilizing the highest grades of raw materials with a goal to provide superior physical mechanical properties, including excellent tensile and flexural strength, excellent chemical and abrasion resistance, toughness, tear strength and weather resistance. Our cast elastomers (“CE” Series) come in a wide range of hardness from 40 Shore A to high 82 Shore D with customized reaction profile to specification per customers request.

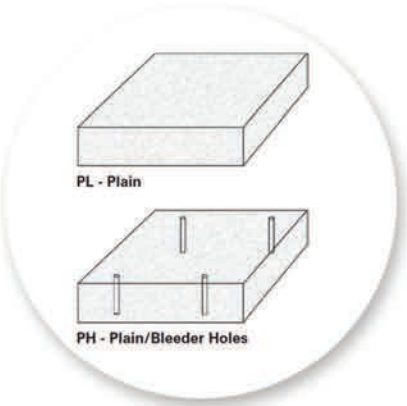
Spray Elastomers and Coatings

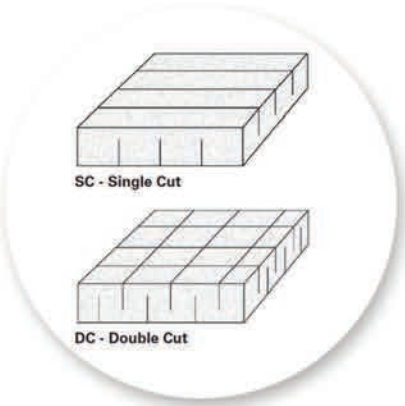
Polyurethane elastomers, polyurea elastomers and coatings are formulated to the highest standards providing VOC free, low cost, high performance, superior protection, chemical resistance, water proofing, excellent abrasion and impact resistance. Our spray elastomers and coatings are used in applications such as truck bed liners, tank coatings, waterproof liners, secondary containments liners, architectural coatings, floor joint sealants, pipeline coatings, railcar coating, fire resistant coatings and many others.

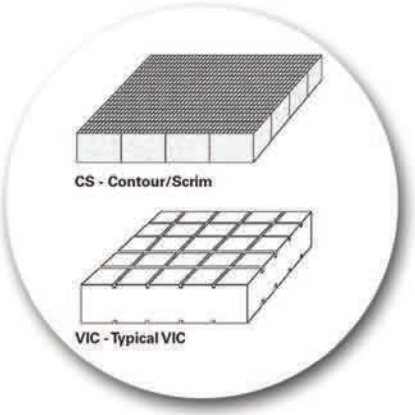
Packaging Polyurethane Pour Foams

Eteco, Inc. provides low density, good shock damping, shrink free packaging polyurethane pour foams (“LP” Series) designed for processing through most plural components & dispensing equipment. Packaging polyurethane pour foams are used for pour-in-place custom made packaging or pre-molded packaging inserts.

Core Materials for the Marine Industry







Gurit: Lighter, Stronger, Faster – three qualities that are more important than ever in a world increasingly focussed on higher performance. Gurit has been delivering those qualities for over 30 years working alongside the world's top boat designers.

Gurit is a leading manufacturer and supplier of composite materials to the global boat building market – integrating structural design, materials science, manufacturing technology and process engineering to ensure a solution tailored to individual specifications and needs. The expertise and products of Gurit are now used in more of the world's top performance boats than any other manufacturer.

- Structural Design
- Materials Science
- Manufacturing Technology
- Process Engineering

This unique offering and turnkey solutions for the build of performance boats has made Gurit one of the leading developers and manufacturers of composite materials in this market.

Gurit offers unrivaled solutions to make boats stronger, lighter and faster. This combination of industry-leading, innovation and durable composites products with superior in-house technical expertise ensures best-in-class results.

The versatility and durability of Gurit products and the in-depth engineering knowledge deliver performance individually tuned to your specifications and needs. As a result, Gurit products are used in the majority of the world's high-performance boats.

CoREZYN® & Silmar® Brand Resins

INTERPLASTIC CORPORATION

Silmar® Resins was acquired in 1993 by Interplastic Corporation and has been formulating isophthalic and orthophthalic polyester resins for over forty years. Silmar is the brand recognized as the leader in today's casting resin market. They also have a complete line of panel and molding resins.

The Thermoset Resins Division supports the Fiberglass Reinforced Plastics (FRP) and Cast Polymer/Solid Surface industries by directing all its technical inventiveness and manufacturing resources at FRP and Cast Polymer applications. Technical experts and their laboratory testing facilities work with you to formulate resins for new applications or troubleshoot manufacturing issues.

When combined with the extensive CoREZYN® brand products in Interplastic's Thermoset Resins Division, they are able to offer customers an impressive product line that can support nearly any FRP application. All products are supported by the most professional, well-trained distribution network in the industry.

The Thermoset Resins Division is a leading manufacturer of unsaturated polyester, vinyl ester, and specialty resins and gel coats marketed under the CoREZYN® and Silmar® brand names. These products are especially designed for the rigors of modern applications and closed molding manufacturing techniques. They meet the stringent standards of MACT and the EPA where necessary.

Applications

- Automotive
- Bowling Balls
- Corrosion Resistant
- Cultured Marble/Onyx/Granite Effect/Engineered Stone
- Cured-In-Place Pipe (CIPP)
- Deburring Chips
- Fire Resistant
- Marine/Pool/Spa
- Sanitary Ware/Bathware
- Solid Surface
- Surfboard
- Transportation

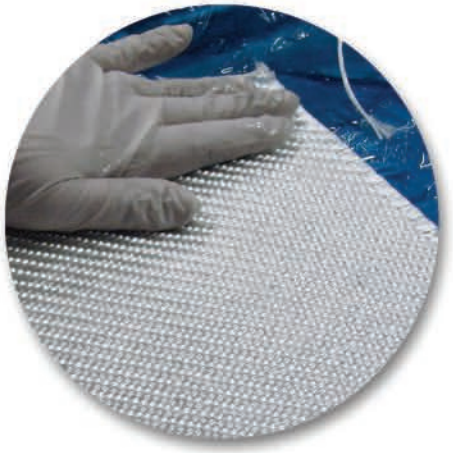
Products

Isophthalic Resins
Low VOC Resins
Orthophthalic Resins
Putty
Resins and Low Profile/ Low
Vinyl Ester Resins
Volume Enhancing Resins

Process

Casting
Laminating
Panel
Pultrusion

Carbon Fiber & Reinforcements



Hexcel has 40 years experience in carbon fiber manufacturing, with a vast Aerospace database and manufacturing facilities in the USA and Europe. Hexcel is an Intermediate Modulus fiber technology leader with an in-house Polyacrylonitrile (PAN) domestic supply and dedicated R&T facilities for both precursor and carbon fiber development.

Hexcel manufactures an unrivalled range of composite materials and engineered products. From carbon fibers and reinforcement fabrics that we convert into prepregs – to adhesives, honeycomb materials and HexTOOL® tooling system.

HexTow® Carbon Fibers
Standard Modulus and Intermediate Modulus fibers for weight-saving, stiffness and strength.

HexForce® Reinforcements
A complete range of reinforcements for composites in carbon, glass, aramid and hybrids.

HexPly® Prepregs
Resin-impregnated reinforcements for high strength, toughness and structural performance at low weight.

HexWeb® Honeycomb
Metallic and non-metallic cores for exceptional stiffness with virtually no added weight.

HexTOOL® Tooling Material
For light weight and high tolerance accuracy machinable tooling.

HexPly® Prepreg Technology

Hexcel HexPly® Prepreg Technology Prepregs are specially formulated resin matrix systems that are reinforced with man-made fibers such as carbon, glass, and aramid. Hexcel has its own in-house supply of carbon fiber and world class weaving facilities for the development of optimum reinforcement technologies to complement the prepreg resin formulations.

Prepreg is the ultimate composite material. The thermoset resin cures at elevated temperature, undergoing a chemical reaction that transforms the prepreg into a solid structural material that is highly durable, temperature resistant, exceptionally stiff and extremely lightweight.

In the early 1980's prepregs were considered specialty materials, accounting for around 5% of an aircraft design and used only for non-critical secondary structures. Today prepregs are baseline for aircraft primary structures and constitute more than 50% of the airframe of some passenger jets. The growth in aerospace and other industries including energy, automotive, sports, and industrial machinery has followed. More recent applications benefiting from prepreg include subsea tubes for oil and gas exploitation and high pressure vessels. This growth in the use of prepreg composites over metal has been driven by higher strength to weight performance, better fatigue strength and greater freedom of design.

PRO-SET Epoxy Products for Fabricating

PRO-SET Epoxy products are designed and formulated for manufacturing synthetic composite structures. There are both Standard and Custom products.

The Standard product line includes laminating systems, adhesives, fairing compounds and process equipment. Standard products are always in stock and ready to ship by Revchem Composites.

The Custom products are formulated for very specific applications and are made to order, requiring longer lead times. The Custom products group comprises laminating systems (including thixotroped resins, toughened and very slow cure systems), fire retardant resins, a barrier coat, and specialty adhesives.

Laminating Epoxies

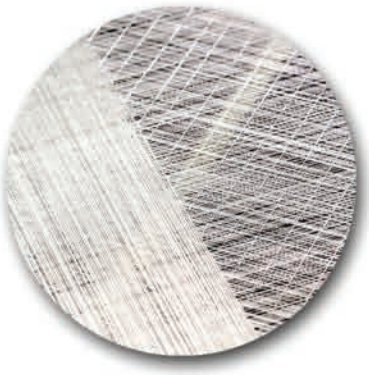
Epoxy combinations that range from very low viscosity for resin infusion to very slow systems (12-hour open time) that allow wet bagging of large parts are available.

Adhesives

The gel like epoxy adhesives are available in several cure speeds. Choose the appropriate combination based on the working time necessary or the materials being joined.

Low density Fairing Compound is available. It is easy to mix and spread and has good sanding characteristics. This filled epoxy combination will adhere to wood, FRP and metal. 185/285 is great for repair and is used for fairing in custom boat manufacturing.

THE NEW STANDARD 2013



SAERTEX®
Reinforcing Your Ideas!

The Basis For Success – The Raw Materials For Saertex Fabrics

SAERTEX® fabrics, also known as NCF (non-crimp fabric), are distinguished by their stretched fibers inside the individual layers, which optimally absorb mechanical forces such as pressure and tension.

SAERTEX® fabrics are available as stitch bonded constructions. Depending on the fiber type, surface load and layer combination, various resistances can be produced.

An optimized layer construction reduces production time and material requirements.

SAERTEX® Unidirectional complexes – in both 0° and in 90° direction. This stitchbonded material is produced with reinforcing threads, with a csm or fleece.

Possible widths: 30 – 3600 mm

SAERTEX® Bidirectional complexes in 0°/90° direction. As an option, a csm or fleece can be stitched onto the upper or lower side.

Possible widths: 30 – 3600 mm

SAERTEX® Multiaxial complexes with various weights, variable directions and arrangement of the individual layers. Angles between 22.5° and 90° possible.

Possible widths: 30 – 2540 mm

SAERTEX® Chopped Strand Mat (CSM) made of cut glass fibers, without binder and chemicals with random fibre orientation. Stitchbonding gives these fabrics an excellent drapability.

Possible widths: 30 – 3600 mm

SAERcore® Stitchbonded, glued or needled sandwich complexes with any desired core materials, e.g. polypropylene as resin flow zonewich Complexes.

Possible widths: 30 – 3600 mm

UNITED INITIATORS
driving your success

Exceeding Your Expectations

United Initiators is a leading manufacturer of ketone (MEKP) and diacyl peroxides.

Ketone Peroxides
These products are the workhorse organic peroxides of the ambient temperature cure processes. Included are Methyl Ethyl Ketone Peroxides (MEKP), Acetyl Acetone Peroxide (AAP), and Methyl Isobutyl Ketone Peroxide (MIBKP). These formulations enable almost every type of cure process.

Organic Peroxide Mixtures
Some difficult cure applications require a blend of ketone peroxide (MEKP, AAP or MIBKP) with other organic peroxides, such as hydroperoxides, peroxyesters, and peroxyketals. We currently offer a range of commercial mixtures for ambient and elevated temperature cure organic peroxides.

Hydroperoxides
Cumene Hydroperoxide (CHP), Dicumyl Peroxide (DCP) and t-Butyl Hydroperoxide (70%) are organic peroxides that have applications in composites curing, vinyl polymer polymerization and crosslinking.

Diacyl Peroxides
Benzoyl peroxide (BPO) is an organic peroxide known for its unusual stability and performance in applications such as auto body fillers, specialty ambient and elevated temperature cure composites processes, and styrene polymerization. Products come in granular (water-wet), paste and liquid suspension forms, and all paste and liquid suspension formulations are free of any phthalate ester diluents (plasticizers).

Peroxyesters, Peroxyketals and Peroxydicarbonates
An extensive line of these organic peroxide products are available from United Initiators for elevated temperature curing of polyester resin composites. (Availability varies by country and region due to transportation regulations.)

Hand Lay-Up & Spray Gun Lamination
The most widely used manufacturing technique to produce reinforced composites parts in the construction, marine, and corrosion resistant markets, as well as a myriad of other end-use applications.

Cast Polymer
Processes used to produce polymer concrete, synthetic marble, solid surface and other durable products for building and construction.

Filament Winding
A process of glass fiber reinforcement for maximum strength attainment in the manufacture of pipe, tanks and other similar products.

Vacuum Infusion
This process employs a vacuum to move resin into a laminate. It is used for aircraft wings, wind-turbine blades, large marine hulls and decks and other parts.

Pultrusion
A continuous, automated process of pulling reinforcing fibers through a resin and into a heated die. Pultrusion is cost effective for producing high volumes of complex cross-sectional parts.

Surfacing, Primers and Top Coats

TR Industries was founded to provide mold release products for manufacturing of fiberglass, reinforced plastic and cultured marble. From the initial plug to the mold and onto the finished part, the complete line of TR professional quality compounds, releases, polishes and related products are designed to produce the best finish possible at maximum efficiency and minimum cost. In response to the manufacturers' requests for after sale care, TR developed a line of surface care products. Expanding this to accommodate Marine and Recreational vehicle needs, TR further expanded its product offering to meet the needs of surface care in the 21st century lifestyle.

- Semi Permanent Release System:
  Multi-Pull 900, 910, 920, 930
- Mold Prep Cleaner
- Sealer Glaze
- White Release Wax
- External Liquid Release
- Hi Temp Liquid Release
- Regular Compound
- Mold Release
- Fine Finish
- Super Duty Buffing Compound

REVCHEM Composites

Composite Solu

ADDITIVES & FILLERS

Aluminum Trihydrate
Brominated Powder
Calcium Carbonate
Fish Eye Eliminator
Fumed Silica (Cab-o-sil)
Granite Chips
Hemp
Hi-Fibe
Microballoons
Surfacing Agent
Talc

ADHESIVES

Cyanoacrylate
Epoxy
Methacrylate
Polyester
Urethane

CATALYSTS, INITIATORS & SOLVENTS

Acetone
Heat Active Peroxide
BPO (Benzoyl Peroxide)
Cobalt
Curing Agents
Cumyl Hydroperoxides
Lacquer Thinner
MEKP (Ketone Peroxides)
MMA
Styrene
UV Cure
IPA

COATINGS, GEL COATS & PIGMENTS

Custom Color Formulations Available

Acrylic Modified
Epoxy
ISO-NPG
Hi-Gloss (Clear & Pigmented)
Primers
Sanding
Vinyl Ester Fairing & Priming
Tooling
Vinyl Ester
Pigment Dispersions
Titanium Dioxide
Translucent

CORE MATERIALS & REINFORCING STRUCTURES

Balsa
Core Mat
Extrusions
Flat Stock Laminates
Honeycomb
PVC Foam
Reinforced Urethane
Skinned Panels (Balsa, Foam, Honeycomb)

TOOLING & MODELING BOARD

High Temp & Low Temp
Epoxy
Foam (EPS, Urethane)
Urethane

3M
AOC World Leader in Resin Technology
BGF INDUSTRIES
BJB ENTERPRISES
DURATEC SURFACING TECHNOLOGY
ELANTAS
ETECO Inc.
Gurit

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Agitators
Air Tools
Chopper Guns & Blades
Dispensing Systems
Foam Dispensers
Fluid Heaters
Gel Coat Systems
Mixers
Pumps & Pressure Pots
Resin Transfer Systems
Spray Guns
Spray Booths

PUTTIES

Bonding
Fairing
Fillet
Tooling

REINFORCEMENTS

Fiberglass (E-glass & S-glass), Carbon & Aramid (Kevlar)

A/R (Alkaline Resistant)
Chopped Strand
Chopped Strand Mat
Continuous Strand Mat
Gun Roving
Milled Fibers
Surface Veil
Woven Roving
Woven Fabric
Multi-Axial Fabrics
Uni-Directional

RESINS

Epoxy, Polyesters (DCPD, Isophthalic, Orthophthalic), Vinyl Ester

Casting
CIPP
Cultured Marble
Custom Formulations
Fire Retardant
Flex
High Temp/Room Temp
Infusion/RTM
Polymer Concrete
Surfboard
Tooling
UV Cured

SILICONE

Additives
Platinum Base
Tin Base
Tooling
Spray, Brush, or Pour

URETHANE

Casting
Clear Casting
Elastomers
Foam
Hard Coat
Hybrid
Portable Spray Kits
Pour & Spray

SUPPLIES

Abrasives
Brushes & Squeegees
Buffing Pads
Compounds
Containers
Drum Openers & Pumps
Filters
Gloves
Grinding Disks
Mixers
Mold Releases
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composite resource

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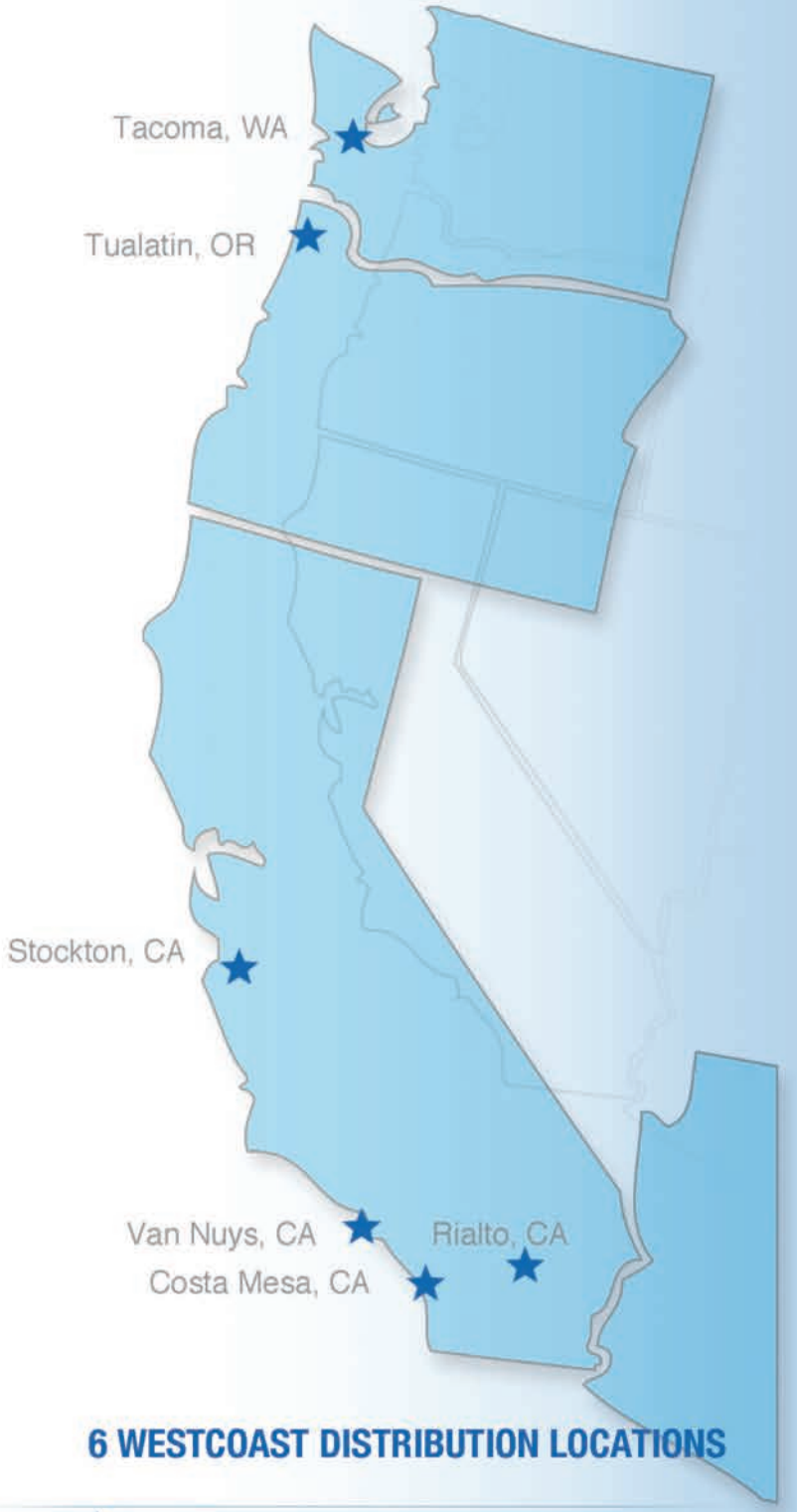

6 WESTCOAST DISTRIBUTION LOCATIONS

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★ TUALATIN, OREGON	(503) 563-5117
★ STOCKTON, CALIFORNIA	(209) 983-0236
★ VAN NUYS, CALIFORNIA	(818) 988-6120
★ COSTA MESA, CALIFORNIA *FORMERLY CRYSTALINER	(949) 548-0292
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