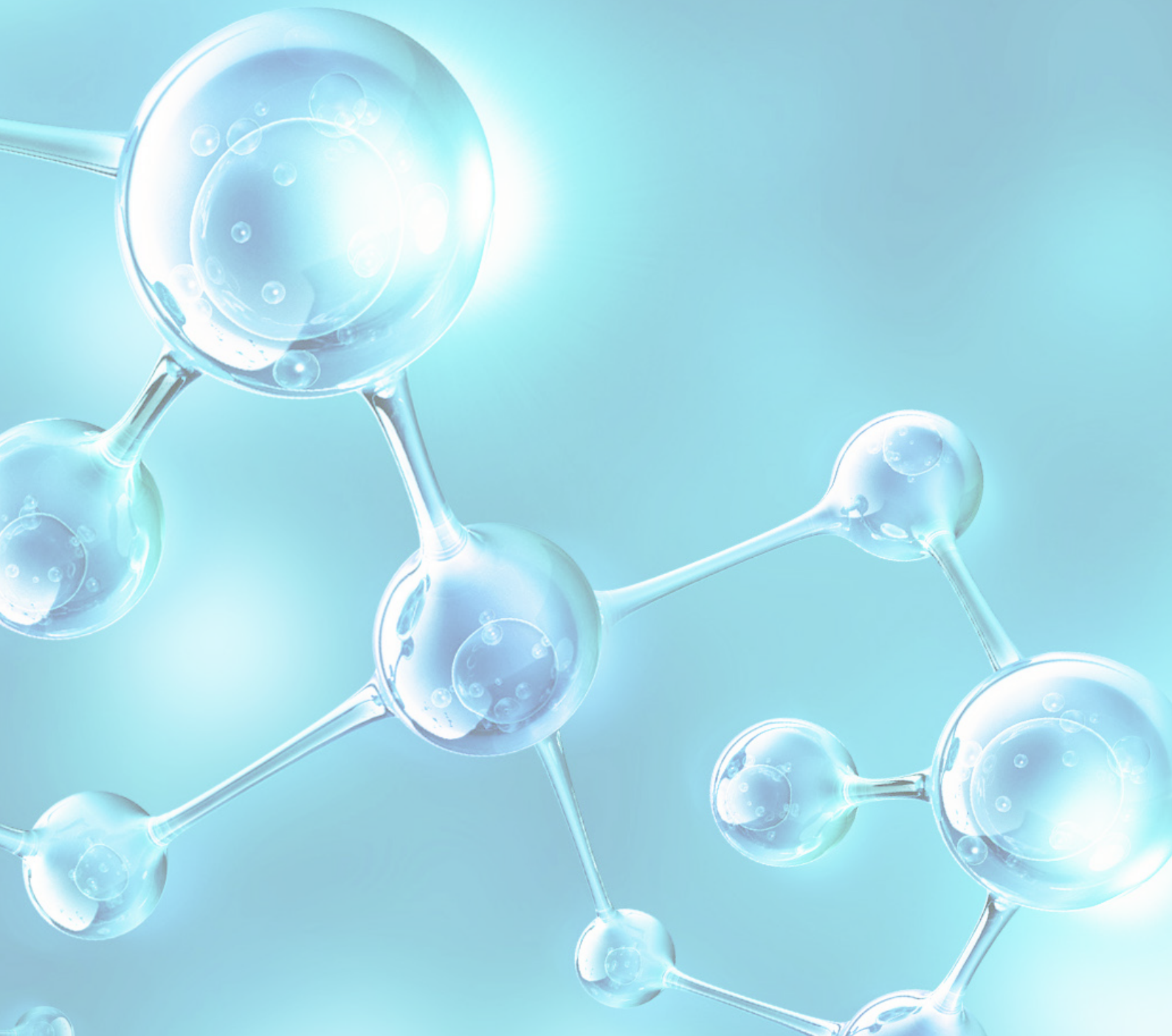




Gel Coats  
Americas



# POLYNT REICHHOLD GROUP

The World's leading Gel Coat producer

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## Production Sites



### AMERICAS

#### **Reichhold do Brasil LTDA.**

Mogi das Cruzes (SP)

#### **Polynt Composites Canada, Inc.**

Brampton (ON) - Drummondville (QC)

#### **Polynt Composites USA Inc.**

Orlando (FL) - Sandusky (OH)

#### **Reichhold LLC 2**

Azusa (CA)

# Polynt Reichhold Group

After the merger on May 2017 the new Polynt-Reichhold Group is a global Company in the Intermediates, Coating and Composite Resins, Thermoset Compounds, Gel-coats and niche Specialties.

This combination enhances the Group's leading position as a global vertically integrated specialty chemicals player, with significant global presence in Europe, North America and Asia, a strategy initiated by Polynt with the successful integration of PCCR and CCP in the last years and now further reinforced by Reichhold's global scale, extensive product portfolio and R&D competencies.

Polynt-Reichhold Group is known for its superior quality and impressive range of products and with its excellent distribution network it can provide first-class service to customers whatever their market. Customer Service and Technical Service teams are renowned for their customer focus, offering the best service even after products have left manufacturing.

The Group strives to keep customers satisfied, assisting them in producing premium quality products every time they use its products.

Product innovation is important for the Group's business and it's the reason for which it constantly works with customers to find solutions to problems.

Introducing new or improved products ensures that Polynt-Reichhold Group continue not only to deliver what the market wants and needs, but also when it is wanted and needed.

## What are Gel Coats?

Gel Coats are a [versatile and durable primary layer](#) used in the production of composite parts.

The majority of Gel Coats are applied as in-mold coatings, used in the first step in composites part production. In-mold Gel Coats protect the mold from abrasion and chemical attack during the remainder of the production process and provide a releasable coating to aid in de-molding operations.

Gel Coats are often the exterior coating for composite parts, providing both the colour and texture of the part. They can range in appearance from clear shades that allow visibility of subsequent layers, to pigmented coats that can be matched to an infinite array of colours. They also protect the parts from weathering, moisture and chemical exposure.

In particular for the EMEA and Asia Pacific Areas, POLYCOR® is the most complete Gel Coats and Top Coats product line for the composite industry and its excellent quality is recognized by users worldwide.



Blending of Gel Coat

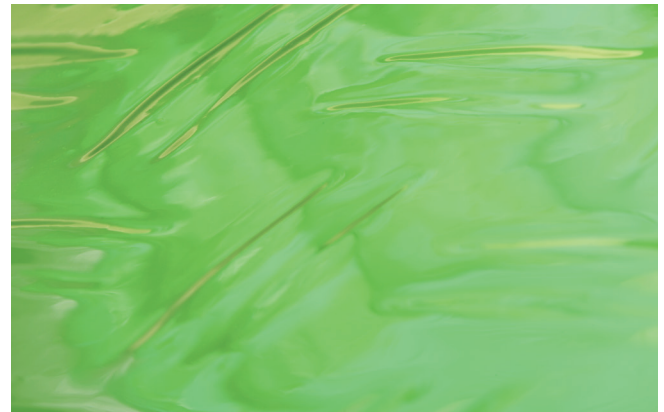
## Americas - Brazil

Polynt Reichhold Group is a world leader in the production and distribution of Gel Coats.

Polynt Composites (as CCP Composites Brazil) and Reichhold was recognized by ALMACO (Latin America Composites Materials Association), receiving the Brazilian Top of Mind Award in 2011, 2013 and 2014. Based on the customer's market segment, Polynt Reichhold Group offers a complete line of high-quality products that achieve each customer's high-level standards and specifications.

**POLYGEL®**, **ArmorFlex®**, **ARMORGUARD®**, **NORPOL®** and **CENTERGEL®** are the most recognized Gel Coats and Barrier Coats in Brazil and South America.

They are known for their efficiency, reliability and achieving the highest expectations of our most important customers.



<b>PRODUCT FAMILY NAME</b>	<b>APPLICATIONS</b>
<b>POLYGEL®</b> , <b>CENTERGEL®</b>	Wide application range includes Transportation (buses, trucks, trains) and Construction (marble, cisterns, cooling towers)
<b>ArmorFlex®</b> , <b>NORPOL®</b>	Recognized protection for contact with water - yachts, boats, aquatic leisure, swimming pools, bathtubs, and more
<b>ARMORGUARD®</b>	Chemical barrier coat for marine applications, swimming pools, spas

For further information please contact us

**ArmorFlex®** and **NORPOL®** Gel Coats are produced with high performance specialty resins, such as Polyester Isophthalic and ISO/NPG, and feature characteristics that offer excellent resistance to atmospheric and chemical agents and protection from water contact. **ArmorFlex®** and **NORPOL®** provide high brightness and osmotic protection to the final surface.

**ARMORGUARD®** is a top performer as a chemical barrier coat for marine and gives an excellent cosmetic finish to yachts, boats and spas. Widely used in the marine market, **ARMORGUARD®** imparts essential osmotic resistance to the final application, prevents blisters and provides high brightness.

**POLYGEL®** and **CENTERGEL®** are the most diverse Gel Coat Brazilian line developed for interior and exterior finishing and protection. Their signature characteristic of easy application on all surfaces and excellent stability guarantees the brightness and colour of the original product. Studies have shown **POLYGEL®** and **CENTERGEL®** produce excellent features, and are regularly formulated to satisfy specific requests from a variety of market segments.

## Brazilian Premium Gel Coats - POLYGEL®

POLYGEL® is the most diverse Gel Coat line developed for interior and exterior finishing and protection. Its signature characteristic of easy application on all surfaces and excellent stability guarantees the brightness and colour of the original product. Studies have shown POLYGEL® produces excellent features, and it is regularly formulated to satisfy specific requests from a variety of market segments.



These photos show the attractive aesthetics of the high gloss Gel Coat finish on the white sink, the pool and the train parts.

## Americas - Canada

Polynt Reichhold Group is a leading global supplier of Gel Coats throughout North America.

Exceptional products and superior customer service have made Polynt Reichhold Group an international leader in the production and distribution of premium polyester Gel Coats. As a leading supplier to the automotive, recreational vehicles and transportation markets, we have a wide range of Gel Coats along with dedicated technical sales support to meet your formulation and regulatory needs.

Formulated to meet the special demands of the marine industry and able to withstand saltwater corrosion and abrasion, our customers can count on our solid line of Gel Coats.

<i>APPLICATIONS</i>	<i>PRODUCT FAMILY NAME</i>
Barrier Coat	Series: 32X, 57X, SM
Color Pastes	Series: 10
Construction, Water Slides	<b>ARMORCLEAR®</b> , <b>POLYCOR®</b> . Series: 21X, 24X, 224X, 50, 50X
Marble & Casting	Series: 22, 22-01
Marine	<b>ARMORCLEAR®</b> , <b>ArmorFlex®</b> , <b>POLYCOR®</b> . Series: 53, 53X, 54X
Multipurpose	<b>POLYCOR®</b> . Series: 20, 21, 24, 56X, 653
Sanding	Series: 26. <b>POLYCORE®</b> Series 949.
Sanitary	<b>POLYCOR®</b> . Series: 22X, 222X
Specialty	<b>IMEDGE®</b> , <b>FIREBLOCK™</b> , <b>Plasticlear®</b> . Series: 22-00, 25, 255X, 55X
Tooling	<b>POLYCOR®</b> . Series: 23, 23V, 23VX
Transportation	<b>HIGLOSS THP™</b> , <b>POLYCOR®</b> . Series: 53, 53X, 54X.

For further information please contact us

Polynt Canada 50 series gelcoat is a premium quality non-filled ISO NPG gel coat, suitable for interior and exterior applications where gloss and colour retention are desired.

Polynt 50 series applies easily, hides well, and provides a tough glossy weather resistant film making it an ideal choice for marine, recreational, and transportation applications.

The colour offering is limited to your imagination.

Photo given by *Proslide Technologies*, a leading designer and provider of water attractions around the globe.



## Americas - USA

Polynt Reichhold USA is a world leader in the production and distribution of Gel Coats.

The Group's global reputation is based on its long history of solution-oriented research and product innovation, combined with a dedication to consistently meeting - and exceeding - the customers' needs.

Included in the Gel Coats product line there are also specific-use products:

- Barrier coats used between the exterior Gel Coat and laminate for blister protection, improved cosmetics, and crack resistance
- Enamel for top coating composites parts
- Sanding primers that provide a sandable surface for subsequent paint operations.

Polynt Reichhold USA also produces:

- Patchaids, which improve the sprayability of Gel Coats used for repair, while simultaneously accelerating cure, reducing surface tackiness, and reducing the amount of work needed to finish the patch
- Additives, which include a light stabilizer solution and wax solutions, used to transform Gel Coats into enamels.

<b>APPLICATIONS</b>	<b>PRODUCT FAMILY NAME</b>
<b>Barrier Coat</b>	ARMORGUARD®, IMEDGE®
<b>Enamels</b>	POLYCOR®
<b>Marble &amp; Casting</b>	POLYCOR®, STYPOL®
<b>Marine</b>	ARMORCLEAR®, ARMORCOTE®, ArmorFlex®, ARMORGUARD®, ArmorHP®, ArmorPlus®, ArmorPro®, IMEDGE®, Fusion®, IMPULSE®
<b>Multipurpose</b>	HIGLOSS TR®, POLYCOR®, QUICKMIX®
<b>Patchaids/Additives</b>	ArmorFlex®, ARMORCOTE®, PATCHAID®, PATCHAID® SPRAYCURE™, POLYCOR®
<b>Sanding</b>	POLYCOR®
<b>Sanitary</b>	BATHCOTE®
<b>Specialty</b>	ARMORCOTE®, FIREBLOCK™, POLYCOR®
<b>Swimming Pools</b>	ArmorFlex®, SHIMMER®, POLYCOR®
<b>Tooling</b>	ARMORGUARD®, POLYCOR®
<b>Transport</b>	ARMORCOTE®, ArmorFlex®, ARMORGUARD®, HIGLOSS THP™

For further information please contact us

# American Premium Gel Coats - IMEDGE® and FIREBLOCK™

## IMEDGE® MACT-Compliant Gel Coat

In-mold, cutting edge polymer technology. Offers deep, dark, rich and high gloss finishes. Excellent color and gloss recovery after sanding and buffing. Blush-resistant. *PCT100* offers excellent weathering resistance, while *PCT110* offers exceptional weathering resistance. Enhanced impact and toughness for reduced cracking. Outstanding scratch and wear resistance and resistance to porosity.



These photos show the high gloss finish with the application of IMEDGE® Gel Coat on the hull of a boat. Notice the «mirror» effect shown in the second image.

## 99F High Flex MACT-Compliant Gel Coat

Designed with higher elongation for enhanced fracture resistance. UV-resistant for reduced chalking and yellowing in outdoor applications. Resistant to water and osmotic blistering. Excellent sprayability and leveling. Low backside tack. (Only available in white and off-white at this time)

The picture shows an example of application of 99F High Flex MACT-Compliant Gel Coat on the hull of a boat.



FIREBLOCK™ is an un-promoted flame-retardant Gel Coat. FIREBLOCK™ products are non-halogenated. They contain no chlorine or brominated compounds, nor do they contain antimony trioxide. FIREBLOCK™ products do not require the addition of any fillers, monomers or other additives to achieve flame-retardant properties.



**On the left** - A LINQ Project rendering from Caesars Entertainment Corporation in Las Vegas. The enlarged closeup on the LINQ Project rendering shows the outside wall of one of the Ferris wheel cabins.

**On the right** - The inside of Stanford University's Bing Concert Hall

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