



**POLYCOAT
PRODUCTS**

A Division of American Polymers Corp.

Below Grade & Vapor Barrier Systems

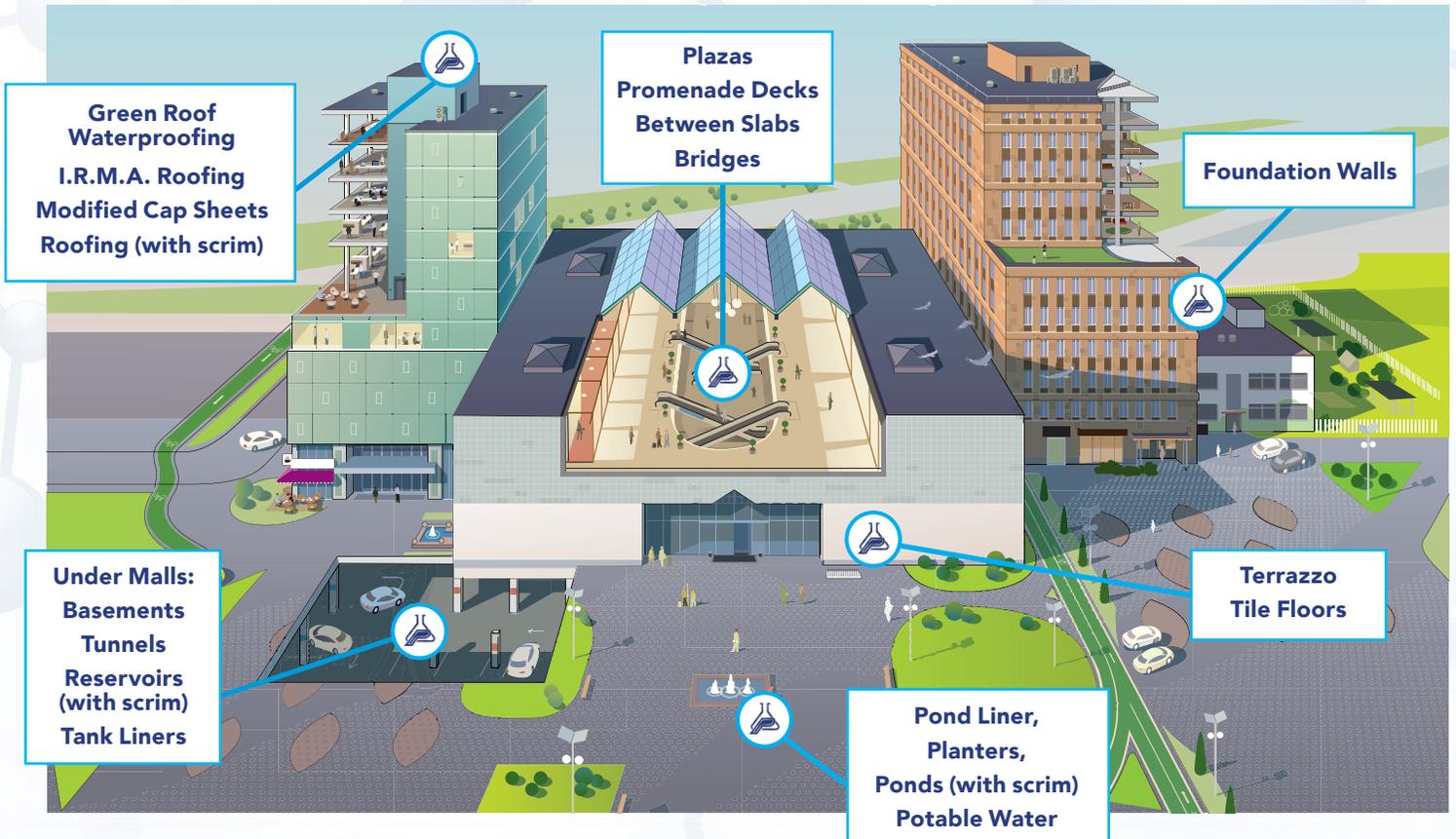
Polyurethane Waterproofing Membranes | Spray-Applied Polyureas
Accelerated Cure Times | VOC-Compliant | Vertical & Horizontal Grades

**FORMULATING
SOLUTIONS**



Possible applications for Below Grade Membrane & Vapor Barrier Systems

(Please refer to individual technical data sheets for product specific applications)



Below Grade Membrane & Vapor Barrier Systems

Our below grade membranes are economical and user friendly. They are liquid and spray applied, and available in Vertical / Horizontal grades. Typical applications include under tile / pavers, foundations, split slabs, planters, bridges, tunnels.

Polycoat-PC-IM 129 is a two-component, liquid-applied, asphalt-extended polyurethane waterproofing membrane that adheres to most substrates. It is ANSI/NSF-61 approved for potable water.

Polycoat-Aquatight is a high solids, polyurethane waterproofing membrane for application underneath thin-set and tile.

Polycoat-Polyeuro 5502 is a fast setting, rapid curing, 100% solids, flexible, aromatic, two-component spray-applied polyurea that can be applied to concrete, metal, and plywood surfaces. It may be applied as a waterproofing membrane in applications similar to those in which the Aquaseal series of waterproofing membranes are utilized.

Aquaseal® 5000 is a single-component, liquid-applied, bitumen-modified polyurethane waterproofing membrane for vertical and horizontal surfaces that also meets the most stringent VOC compliance standards.

Aquaseal® 5000WC is a single-component, liquid-applied, coal tar-free polyurethane waterproofing membrane that has a fast cure time. When water is added to the membrane, the cure time is accelerated. It can be applied at ANY thickness without sensitivity to gassing and blistering so that thicker mil application rates can be achieved reducing move-ins and labor costs. This is the premier product of professionals for cutting labor costs and maintaining tight project schedules.



Polycoat-Aquaseal® 5000

Technical Data (Based on Draw Down Film) Polycoat-Aquaseal® 5000 Properties

	5000H HORIZONTAL	5000V VERTICAL	5000GCH HORIZONTAL	5000GCV VERTICAL
Hardness, ASTM D2240	50 ± 5 Shore A	45 ± 5 Shore A	50 ± 5 Shore A	45 ± 5 Shore A
Tear Resistance, Die C, ASTM D624	70 ± 20 pli 12.2 ± 3.5 kN/m	100 ± 20 pli 17.5 ± 3.5 kN/m	70 ± 20 pli 12.2 ± 3.5 kN/m	100 ± 20 pli 17.5 ± 3.5 kN/m
Tensile Strength, ASTM D412	450 ± 50 psi 3.1 ± 0.3 MPa	500 ± 50 psi 3.4 ± 0.3 MPa	450 ± 50 psi 3.1 ± 0.3 MPa	500 ± 50 psi 3.4 ± 0.3 MPa
Ultimate Elongation, ASTM D412	500 ± 50%	500 ± 50%	450 ± 50%	450 ± 50%
Specific Gravity	1.28 ± 0.1	1.20 ± 0.3	1.28 ± 0.1	1.20 ± 0.1
Total Solids by Weight, ASTM D2369	95 ± 3%	91 ± 3%	95 ± 3%	91 ± 3%
Total Solids by Volume, ASTM D2697	94 ± 3%	89 ± 3%	94 ± 3%	89 ± 3%
Viscosity at 80°F (27°C)	5000 ± 2000 cps	40,000 ± 20,000 cps	5000 ± 2000 cps	40,000 ± 20,000 cps
Volatile Organic Compounds, ASTM D2369-81	0.83 lb/gal, 100 gm/liter	0.83 lb/gal, 100 gm/liter	0.83 lb/gal, 100 gm/liter	0.83 lb/gal, 100 gm/liter
Service Temperature	-25°F to 150°F -31.7°C to 65°C			



Polycoat-Aquaseal® 5000 WC/GC

Technical Data (Based on Draw Down Film) Polycoat-Aquaseal® 5000 WC/GC Properties

	AQUASEAL 5000WC	AQUASEAL 5000 WC/GC-H	AQUASEAL 5000 WC/GC-V	AQUASEAL 5000 WC/GC-SG
Hardness, ASTM D2240	30 ± 5 Shore A			
Tear Resistance, Die C, ASTM D624	70 ± 20 pli 12.2 ± 3.5 kN/m	80 ± 15 pli 14 ± 2.6 kN/m	100 ± 15 pli 17.5 ± 2.6 kN/m	100 ± 20 pli 17.5 ± 2.6 kN/m
Tensile Strength, ASTM D412	350 ± 50 psi 2.41 ± 0.3 MPa			
Ultimate Elongation, ASTM D412	500 ± 50%	550 ± 50%	550 ± 50%	550 ± 50%
Specific Gravity	1.20 ± 0.3	1.20 ± 0.3	1.19 ± 0.3	1.18 ± 0.3
Total Solids by Weight, ASTM D2369	95 ± 3%	96 ± 3%	96 ± 3%	89 ± 3%
Total Solids by Volume, ASTM D2697	94 ± 3%	95 ± 3%	95 ± 3%	88 ± 3%
Viscosity at 80°F (27°C)	3000 ± 1500 cps	3500 ± 1000 cps	30,000 ± 5000 cps	17,000 ± 5000 cps
Volatile Organic Compounds, ASTM D2369-81	<0.42 lb/gal, <50 gm/liter	<0.42 lb/gal, <50 gm/liter	<0.42 lb/gal, <50 gm/liter	<0.83 lb/gal, <100 gm/liter
Service Temperature	-25°F to 150°F -31.7°C to 65°C			

Formulating Innovations: State-of-the-Art Manufacturing

We have nearly 1,000,000 square feet of manufacturing and warehouse space across six chemical facilities in three strategic locations across the United States to store and manufacture large volumes. We ship our premium products globally and welcome inquiries for private label and toll-blending opportunities. Our coatings are found in world landmarks, stadiums, resorts, luxury residential living, and other high-profile projects.

Our Dallas, Texas facility alone houses 44 reactors with the ability to manufacture batch sizes that range from 50-6000 gallons. This manufacturing facility is also ISO 9001:2015 compliant, illustrating our commitment to producing consistently premium products.

Our future growth is projecting a 10 million gallon per year manufacturing capacity.



Formulating Advantages: Product Advancements



Product formulations are developed and tested to meet national and international stringent standards. Many of our coatings are single-bucket formulations, which reduces the potential for application errors on the job site. Providing user-friendly products is part of the planning when creating product innovations. VOC compliance is also an important component of every product manufactured. Variable VOC systems provide an edge in meeting standards that may be necessary for environmentally-friendly projects.

Formulating Connections: Unprecedented Service

Customer satisfaction is central to our core mission of providing stellar service and dependable, premium products. Feel confident in knowing seasoned veterans who comprise our team understand the difference between boardroom plans and the realities in the field. We sometimes fly out to job sites to lend expertise and provide extra customer support in real time. Choose Polycoat Products and our team becomes part of your team.

Since we believe that chemistry is the key component of our products, our technical sales team constantly collaborates and communicates with our in-house chemists. Together they approach any new trend in the industry with both chemical and field knowledge. Whatever obstacles may occur in the field, we have a team of professionals ready to provide solutions.



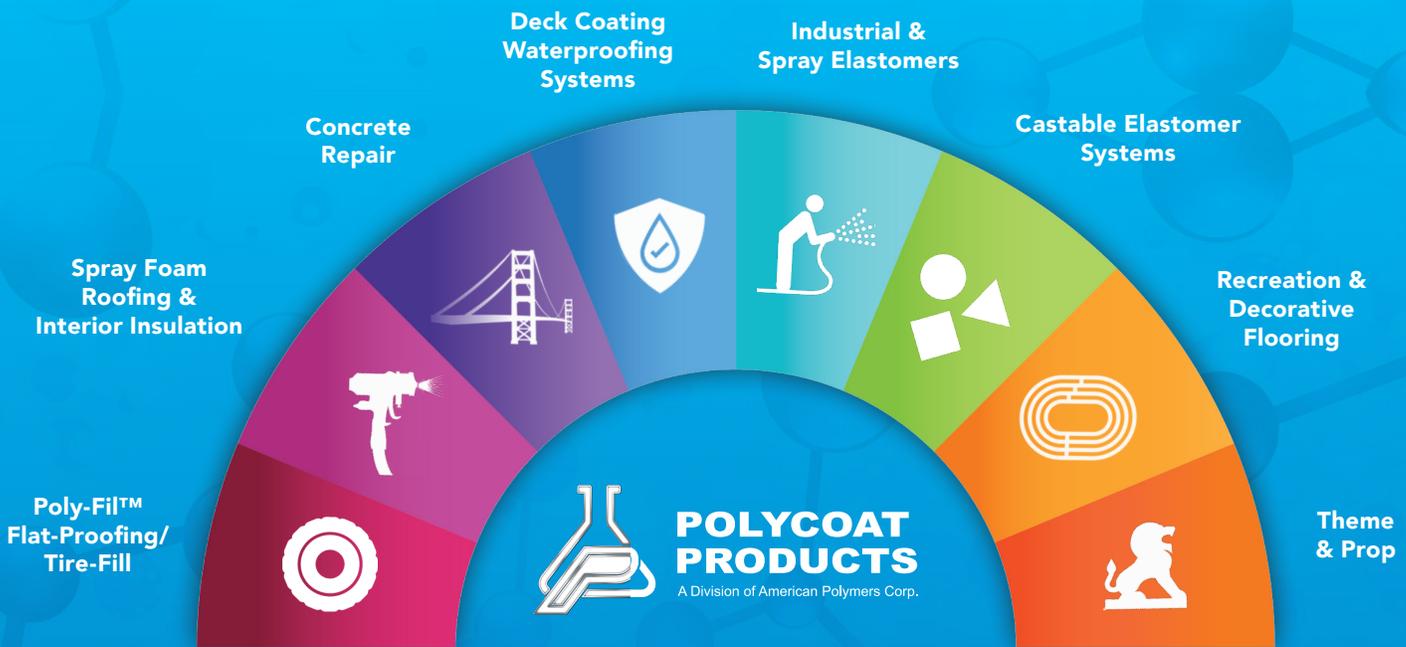
Formulating Quality Chemistry: Storied Quality

Polycoat Products has emerged as the industry leader in high-performance polyurethane, polyurea, and polyaspartic coatings over its nearly forty years of innovation in the lab. We welcome comparisons between our products with any in the field.

Our focus is not just simply manufacturing many products. We invest time and research in formulating cost-competitive solutions for your construction needs. Whether industrial, residential, or commercial applications, our products have a range of chemical and physical properties to accommodate project requirements. These extensive research developments yield specialized solutions. All raw materials and batches have numerous quality control checks through various points of production. All batches are sampled and retained for up to a year as we trust every batch manufactured is produced within our strict manufacturing guidelines. Our chemistry team's extensive research and development efforts provide solutions for any type of specialized application.



Other Product Technologies Manufactured by Polycoat Products



Select systems are:



INTERNATIONAL CODE COUNCIL®



Contact Us



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FORMULATING SOLUTIONS

Toll Manufacturing Available | Private Lab Account Inquiries are Welcome | Seeking Experienced Independent Representatives Globally