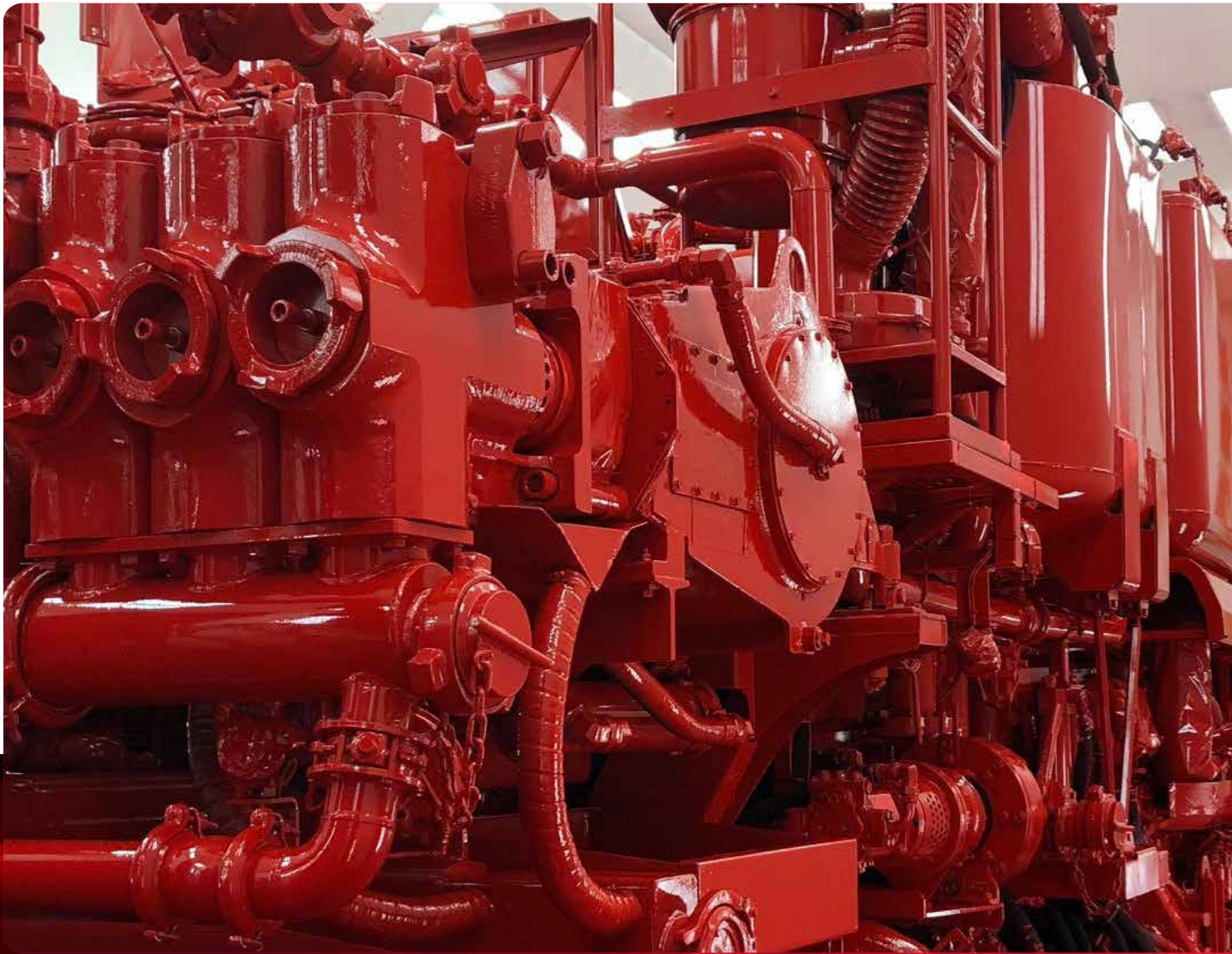


Acrylithane™

Exceptional gloss and color retention



TRUSTED. TOUGH.

Tailored to the needs of your business


Acrylithane™ is trusted to be tough in even the harshest conditions, delivering maximum protection against rugged climates, weather, and environments for the most extended service life. This proven durability in the field and long-lasting automotive-like finish make Acrylithane the first choice for specifiers for OEMs.

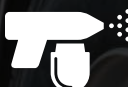
Well known for its enduring, corrosion-resistant, high gloss finish, Acrylithane is the coating system relied on by manufacturers in the Heavy Equipment (HDE), Heavy Duty Truck/Trailer (HDT), Agriculture (ACE), Oilfield Services, and O&G Onshore Producers. Acclaimed for being easy to apply, Acrylithane has also been a leader in the Industrial and Energy Industries for over 90 years.


What makes Jones-Blair different? Not only do we formulate and manufacture high-performance coatings for industry, but we also manufacture our resins. This vertical integration ensures quality and increased efficiency for our customers, delivering tangible cost savings.


Trusted. Tough.

KEY

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Airless spray
- 

Air spray
- 

Roller
- 

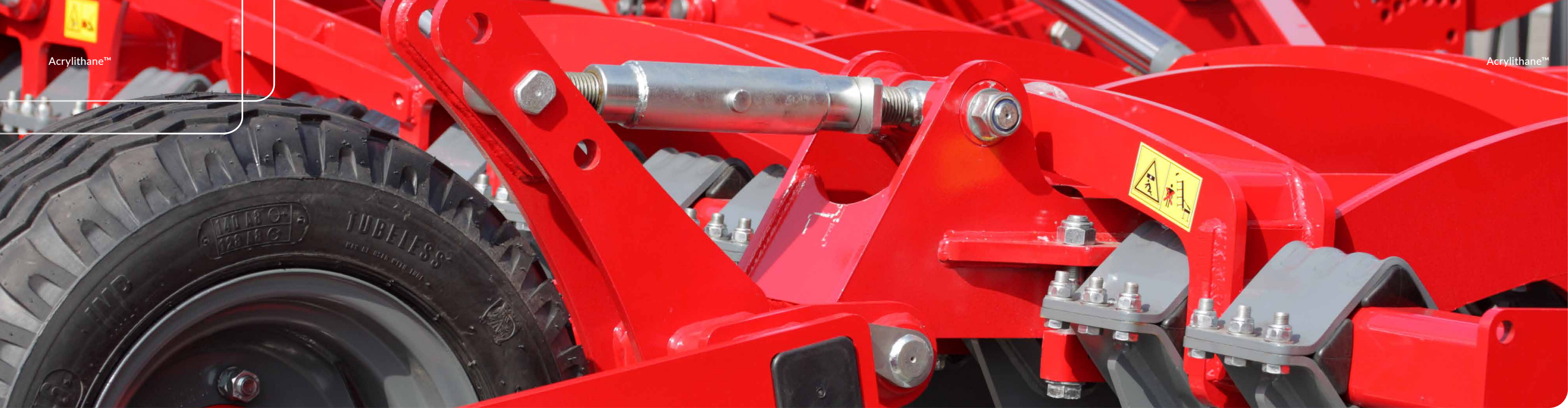
Brush

Acrylithane is a two component, high performance polyurethane topcoat, engineered for spray usage, direct-to-metal.

It is proven to give long-lasting, robust protection against corrosion and chemicals alike. With excellent UV color retention, Acrylithane™ is also fast drying to a deep, hard gloss, for a strong, automotive quality finish that stands up to the toughest conditions.

For use on trucks, trailers, railway cars, service stations, bulk tanks, or chemical trailers. Acrylithane™ is 100 percent lead-free and offers a lower VOC system for a high-performance finish.

Features	Benefits
Low VOC	Meets legislative requirements
UV resistant color and excellent gloss retention	Durable and robust with automotive quality appearance. UV resistant
Superb chemical, solvent and corrosion resistance	Long term performance for long lasting good looks
Wide color and metallic offering	Colors that meet your needs
Uses the same catalyst as Ureprime 2.8 primer	Common catalyst system; less mixing issues
Lead and chromate free	Better for health and for the environment
Easy application	Optimized for airless spray



Coating systems

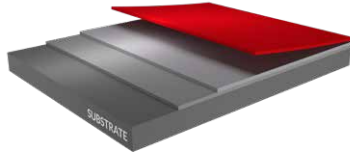
Acrylithane 2.8

Two coat system



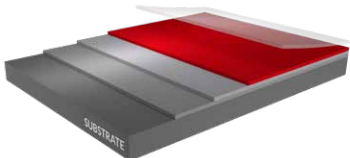
Two coat system			
<ul style="list-style-type: none">• Corrosion protection• Color and gloss• Flexibility• Easy to apply	Surface prep	SSPC - SP10	2.0 - 3.0 mils
	Primer	Chem-O-Pon	2.0 - 3.0 mils
	Finish coat	Acrylithane 2.8	2.0 - 3.0 mils
	Total DFT		4.0 - 6.0 mils

Three coat system



Three coat system			
<ul style="list-style-type: none">• Excellent corrosion protection• Color and high gloss clear coat• Flexibility• Easy to apply	Surface prep	SSPC - SP10	2.0 - 3.0 mils
	Zinc primer	Chem-O-Zinc	2.0 - 3.0 mils
	Intermediate	Chem-O-Pon	2.0 - 3.0 mils
	Color coat	Acrylithane 2.8	2.0 - 3.0 mils
	Total DFT		6.0 - 9.0 mils

Four coat system



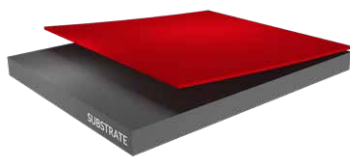
Four coat system			
<ul style="list-style-type: none">• Excellent corrosion protection• Durable color and high gloss clear coat• Flexibility• Easy to apply	Surface prep	SSPC - SP10	2.0 - 3.0 mils
	Zinc primer	Chem-O-Pon	2.0 - 3.0 mils
	Intermediate	Ureprime 2.8	2.0 - 3.0 mils
	Color coat	Acrylithane 2.8	2.0 - 3.0 mils
	Clear coat	Acrylithane 2.8	1.0 - 2.0 mils
	Total DFT		7.0 - 11.0 mils



Coating systems continued

Acrylithane 2.8 DTM

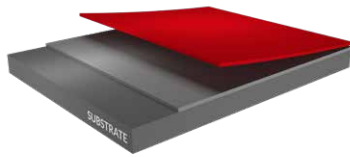
One coat system



One coat system			
<ul style="list-style-type: none">• Fast direct to metal• Good color and gloss• Easy to apply	Surface prep	SSPC - SP10	2.0 - 3.0 mils
	Finish coat	Acrylithane 2.8 DTM	2.0 - 4.0 mils
	Total DFT		2.0 - 4.0 mils

Acrylithane C-HS

Two coat system



Two coat system			
<ul style="list-style-type: none">• Corrosion protection• Color and gloss• Flexibility• Easy to apply	Surface prep	SSPC - SP10	2.0 - 3.0 mils
	Primer	Chem-O-Pon	2.0 - 3.0 mils
	Finish coat	Acrylithane C-HS	2.0 - 3.0 mils
	Total DFT		4.0 - 6.0 mils

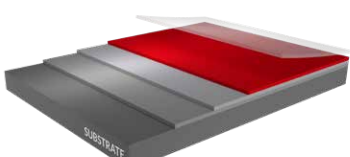
Acrylithane HS2

Two coat, one-catalyst system



Four coat system			
<ul style="list-style-type: none">• 1 catalyst for 2 products• Same catalyst, reducer, accelerator• Excellent adhesion• Brush and roller• Clear coat optional for additional color and gloss retention• HS4 versions for VOC compliance in California	Surface prep	SSPC - SP10	2.0 - 3.0 mils
	Primer	Ureprime HS2	2.0 - 5.0 mils
	Finish coat	Acrylithane HS2	2.0 - 3.0 mils
	Total DFT		4.0 - 8.0 mils

Four coat system



Four coat system			
<ul style="list-style-type: none">• Superior corrosion protection• Durable color and high gloss clear coat• Flexibility• Easy to apply	Surface prep	SSPC - SP10	2.0 - 3.0 mils
	Zinc primer	Chem-O-Zinc	2.0 - 3.0 mils
	Intermediate	Ureprime HS2	2.0 - 5.0 mils
	Color coat	Acrylithane HS2	2.0 - 3.0 mils
	Clear coat	Acrylithane HS2	1.0 - 2.0 mils
	Total DFT		7.0 - 13.0 mils

Finishing coats

Product	Description	VS%	VOC	Rec DFT		Finish	Theoretical spreading rate		Components	Mixing ratio	Pot life @ 68°F/20°C	Dry-to-touch @68°F/20°C	Application method
Finishing coats													
Acrylithane 2.8 Urethane 643JB	High performance polyurethane topcoat formulated for spray usage in areas requiring VOC less than 2.8 lbs/gallon. It offers a high quality appearance with exceptional color and gloss retention, as well as exceptional chemical resistance. Recommended use on heavy duty equipment, trucks, trailers, and bulk tanks that require a premium topcoat appearance. Features: Uses same catalyst as Ureprime 2.8 primer, chemical resistant, low VOC, wide color and metallic offering, good gloss retention.	56+1	333 g/L; 2.8 lbs/gal	38-75 µm 1.5-5.3 mils		High gloss	22.4 m²/L - 25 µm	898 sq.ft/US gal - 1 mil	2	3:1	4 hrs	4 hrs	 
Acrylithane HS2 Urethane Topcoat 57010/57011	High performance polyurethane topcoat formulated for use in areas requiring VOC less than 2.8 lbs/gallon. It offers a high quality appearance with exceptional color and gloss retention while maintaining exceptional chemical resistance. Recommended use on heavy duty equipment, trucks, trailers, and bulk tanks that require a premium topcoat appearance. Features: Uses same catalyst as Ureprime HS2 primer, low VOC, wide color and metallic offering, great mildew resistance, great for brush and roll.	64+1	322 g/L; 2.7 lbs/gal	38-76 µm 1.5-3 mils		High gloss	22.4 m²/L - 25µm	898 sq.ft/US gal - 1 mil	2	3:1	3 hrs	6 hrs	   
Acrylithane HS4 Urethane 645J1/645J2	High performance polyurethane topcoat formulated for use in areas requiring VOC less than 2.8 lbs/gallon. It offers a high quality appearance with exceptional color and gloss retention while maintaining good chemical resistance. Recommended use on heavy duty equipment, trucks, trailers, and bulk tanks that require a premium topcoat appearance. Features: Uses same catalyst as Ureprime HS4 primer, excellent gloss and color retention, chemical resistant, ultra-low VOC.	59+1	95 g/L; 0.79 lbs/gal	38-76 µm / 1.5-3 mils		High gloss	23.6 m²/L - 25 µm	946 sq.ft/US gal - 1 mil	2	4:1	1.5 hrs	8 hrs	   
Acrylithane C-HS Urethane 64MJB	High performance polyurethane topcoat formulated for spray usage in areas requiring VOC less than 2.8 lbs/gallon. It offers a high quality appearance with exceptional color and gloss retention while maintaining quick dry performance in a manageable pot-life. Recommended or use on automobiles, trucks, trailers, bulk tanks, chemical trailers and commercial architectural applications that require a premium topcoat appearance. Features: Excellent gloss and color retention, resistant to chemical spills and splashes, fast dry, low VOC.	53+1	333 g/L; <2.8 lbs/gal	38-75 µm / 1.5-3 mils		High gloss	21.2 m²/L - 25 µm	850 sq.ft/US gal - 1 mil	2	8:1	2 hrs	5 hrs	   
Acrylithane™ 2.8 DTM 64PJB	Acrylithane™ 2.8 DTM polyurethane is a direct-to-metal polyurethane topcoat formulated for spray applications in areas requiring VOC less than 2.8 lbs./US gallon. It offers a high quality appearance with exceptional color and gloss retention.	57+2	<336 g/L; <2.8 lbs/gal	76-100 µm / 3-4 mils		Full gloss	7.6 m²/L - 76 µm	310 sq.ft/US gal - 3 mils	2	4:1	4 hrs	1 hr	   

For primer systems compatible with Acrylithane please refer to our systems guide or your Hempel Sales Representative.



Performance data

Acrylithane version	Primer applied	System DFT applied	QUV-A 340 Rec DFTw		Corrosion	Impact	Adhesion ASTM D3359
			Color scale: CIE Lab Illuminant: D65 Exposure: 1000 hrs	60° Gloss Retention Exposure: 1000 hrs			
Acrylithane 2.8 Urethane 643JB	Chem-O-Pon primer 33304	6.0-7.0 mils	dE= 0.21	98.5%	0.0-1.0 mm	Pass 80 lbs/in	5B
Acrylithane HS2 Urethane Topcoat 57010/57011	Ureprime HS2 15040	4.5-5.0 mils	dE = 0.5 *QUV-A 340 4000 hrs	99%	2.0-3.0 mm	Pass 160 lbs/in	5B
Acrylithane HS4 Urethane 645J1/645J2	Chem-O-Pon primer 33304	3.0-5.5 mils	dE = 0.65	99.8%	2.0-4.0 mm	Pass 140 lbs/in	5B
Acrylithane C-HS Urethane 64MJB	Applied direct to metal	3.5 mils	dE= 0.21	93.5%	1.0-2.0 mm *665 hours	Pass 160 lbs/in	5B

Jones-Blair, A part of Hempel, has manufactured high-performance coatings specified and used for Heavy Equipment (HDE), Heavy Duty Truck/Trailer (HDT), Agriculture (ACE), and Energy across North America since 1928.

Jones-Blair coatings are best-in-class and widely known for durability, corrosion resistance, high gloss, and ease of application. Find them on; trucks, trailers, pipelines, frac tanks, mining equipment, harvesters, construction, drilling rigs, and many more.

About Hempel

As a world-leading supplier of trusted coating solutions, Hempel is a global company with strong values, working with customers in the protective, marine, decorative, container and yacht industries. Hempel factories, R&D centers and stock points are established in every region.

Across the globe, Hempel's coatings protect surfaces, structures and equipment. They extend asset lifetimes, reduce maintenance costs and make homes and workplaces safer and more colorful. Hempel was founded in Copenhagen, Denmark in 1915. It is proudly owned by the Hempel Foundation, which ensures a solid economic base for the Hempel Group and supports cultural, social, humanitarian and scientific purposes around the world.

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