



LEED 4.1 PRODUCT INFORMATION

Tremco CPG is an organization that is committed to quality, our employees, and our environment. We are responsive to both internal and external customers, and we pledge to treat everyone with good stewardship and respect.

Tremco CPG is dedicated to the environment and prides itself on making its products as sustainable as possible.



Tremco CPG certifies the following for Coating products.

Building Product Disclosure and Optimization:

No single extracted material is used to produce the majority of Tremco CPG Coating products.

Recycled content for Tremco CPG Coatings products is not available, and for the purposes of LEED reporting, should be assumed to be zero.

Product	Product Category	Description	Materials and Resources					Lower than SCAQMD rule 1113	Greenguard Certified	Living Building Challenge	Additional Information
			Location of Manufacture	VOC (grams/L)	VOC % by Weight (as applied mixed)	Single Extracted Material	Manufacturing Inventory Available				
Corner Guard	Waterproofing	Exterior applied drainage product	Fitzgerald, Georgia	<1 g/L	<1%	no	not available	yes		Red List Free	
Drainstar 5X	Waterproofing	Multi-Composite Drainage and Protection Board	Toronto, Ontario, Canada	N/A	N/A	no	not available	yes			
Enviro-Dri	Air, Vapor, & Weather Resistant	Permeable membrane	Medina, Ohio	66 g/L	<5%	no	not available	yes		Red List Free	
Extrusions	Gaskets, Tapes & Extrusions	Glazing article	Ashland, Ohio	<1 g/L	<1%	no	not available	yes			
Gaskets	Gaskets, Tapes & Extrusions	Glazing article	Ashland, Ohio	<1 g/L	<1%	no	not available	yes			
ExoAir 110 and TWF	Air, Vapor, & Weather Resistant	Self-Adhered Air and Vapor Barrier Membrane (*Air barrier)	Brentwood, New Hampshire	<1 g/L	<1%	no	not available	yes		Red List Free	
ExoAir 110AT	Air, Vapor, & Weather Resistant	Self-Adhered Air and Vapor Barrier Membrane (*Air barrier)	Newburyport, Massachusetts	<1 g/L	<1%	no	yes	yes			
ExoAir 120	Air, Vapor, & Weather Resistant	Fluid-Applied, Asphaltic Air & Vapor Barrier Membrane (*Air barrier)	Medina, Ohio	72 g/L	5%	no	yes	no		Red List Free	
ExoAir 130	Air, Vapor, & Weather Resistant	Fluid-Applied, Synthetic Air and Vapor Retarder Membrane (*Air Barrier)	Toronto, Ontario, Canada	<19 g/L	<1%	no	yes	yes			
ExoAir 210AT	Air, Vapor, & Weather Resistant	Self-adhered permeable air barrier membrane (*Air Barrier)	Sparta, MI	<1g/L	<1%	no	yes	yes		Red List Free	
ExoAir 220	Air, Vapor, & Weather Resistant	Fluid-Applied, Asphaltic Air & Vapor Permeable Membrane (*Air Barrier)	Medina, Ohio	2g/L	<1%	no	yes	yes		Red List Free	
ExoAir 230	Air, Vapor, & Weather Resistant	Fluid-Applied, Synthetic Air & Vapor Permeable Membrane (*Air Barrier)	Toronto, Ontario, Canada	35 g/L	1%	no	yes	yes		Red List Free	
ExoAir 230LT	Air, Vapor, & Weather Resistant	Fluid-Applied, Synthetic Air & Vapor Permeable Membrane (*Air Barrier)	Toronto, Ontario, Canada	146 g/L	8.35%	no	yes	no			
ExoAir 430 (Securock)	Air, Vapor, & Weather Resistant	Pre-applied fluid synthetic air & vapor permeable membrane (Exterior use)	Jacksonville, FL	7 g/L	<1%	no	not available	yes			USG LEED information: https://www.tremcoalants.com/files/share/LEEDLetters/Securock_ExoAir_430_LEED.pdf
ExoAir Primer	Air, Vapor, & Weather Resistant	A VOC-Compliant Adhesive Primer	Rockland, Massachusetts	236.1 g/L	13%	no	not available	no		Red List Free	
Paramastic	Waterproofing	Expandable mastic for use with Paraseal waterproofing membrane.	Spearfish, South Dakota	48 g/L	4%	Bentonite is used to produce approximately 56% (by weight) of this product.	yes	yes		Red List Free	

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Paraseal	Waterproofing	Exterior applied waterproofer	Spearfish, South Dakota	<1 g/L	<1%	Bentonite is used to produce approximately 89% (by weight) of this product.	yes	yes		Red List Free	
Paraseal GM	Waterproofing	Exterior applied waterproofer	Spearfish, South Dakota	<1 g/L	<1%	Bentonite is used to produce approximately 89% (by weight) of this product.	yes	yes		Red List Free	
Paraseal GM/LG	Waterproofing	Exterior applied waterproofer	Spearfish, South Dakota	<1 g/L	<1%	Bentonite is used to produce approximately 89% (by weight) of this product.	yes	yes		Red List Free	
Paraseal LG	Waterproofing	Exterior applied waterproofer	Spearfish, South Dakota	<1 g/L	<1%	Bentonite is used to produce approximately 89% (by weight) of this product.	yes	yes		Red List Free	
Paraseal Paraboot	Waterproofing	Exterior applied waterproofer	Spearfish, South Dakota	<1 g/L	<1%	no	not available	yes			
Paraseal Paraprimer	Waterproofing	Adhesive primer formulated to prepare construction surfaces	Rockland, Massachusetts	236 g/L	13%	no	not available	yes		Red List Free	This product is defined as an Adhesive Primer under rule 1168. VOC levels are lower than the limits set in rule 1168.
Paraseal Paragranular	Waterproofing	Exterior applied waterproofer	Spearfish, South Dakota	<1 g/L	<1%	Bentonite is used to produce approximately 100% (by weight) of this product.	yes	yes		Red List Free	
Paraseal Para JT (Joint Tape)	Waterproofing	Exterior applied waterproofer (Article)	Los Angeles, California	<1 g/L	<1%	no	not available	yes			
Paraseal Paramastic	Waterproofing	Expandable mastic for use with Paraseal waterproofing membrane	Spearfish, South Dakota	48 g/L	4%	Bentonite is used to produce approximately 56% (by weight) of this product.	yes	yes		Red List Free	
Paraseal Parastick 'n' Dry	Waterproofing	Exterior applied waterproofer (Article)	Spearfish, South Dakota	<1 g/L	<1%	Bentonite is used to produce approximately 89% (by weight) of this product.	not available	yes		Red List Free	
Paraseal Paraterm Bar	Waterproofing	Exterior applied waterproofer	Spearfish, South Dakota	<1 g/L	<1%	no	not available	yes			Recycled content for this product is 60% (36% Post-Industrial and 24% Post-Consumer). Because this product is partially created with recycled content, consumers are able to work towards one Building Product Disclosure and Optimization - Raw Materials Extraction point.
Paraseal Permanent Seam Tape	Waterproofing	Exterior applied waterproofer (Article)	Hickory, North Carolina	<1 g/L	<1%	no	not available	yes			
Permaquik Crystalline Waterproofing	Waterproofing	Exterior applied waterproofer	Cleveland, Ohio	<1 g/L	<1%	no	not available	yes		Red List Free	
Polyshim II Tape	Gaskets, Tapes & Extrusions	High-performance glazing butyl tape	Toronto, Ontario, Canada	<1 g/L	<1%	no	not available	yes		Red List Free	
Powerply Standard Smooth	Waterproofing	Exterior applied bitumen sheet	Cleveland, Ohio	<1 g/L	<1%	no	not available	yes			
Powerply Standard White Granular	Waterproofing	Exterior applied bitumen sheet	Cleveland, Ohio	<1 g/L	<1%	no	not available	yes		Red List Free	
Permaquik 200 Crystalline Waterproofing	Waterproofing	Capillary waterproofing formulation of proprietary blends of chemicals, quartz sand and cement	Cleveland, Ohio	<1 g/L	<1%	no	yes	yes		Red List Free	
SuperStop	Waterproofing	Bentonite waterproofer (Article)	Spearfish, South Dakota	<1 g/L	<1%	Bentonite is used to produce approximately 98% (by weight) of this product.	yes	yes		Red List Free	
Tremco 2011	Waterproofing	Exterior applied waterproofer (Article)	Dover, Ohio	<1 g/L	<1%	no	not available	yes			
Tremco 2178	Waterproofing	Exterior applied waterproofer (Article)	Concord, Ontario, Canada	<1 g/L	<1%	no	not available	yes			
Tremco 2190	Waterproofing	Exterior applied waterproofer (Article)	Drummonville, Quebec, Canada	<1 g/L	<1%	no	not available	yes			
Tremco 2550/2560	Waterproofing	Exterior applied waterproofer (Article)	Milton, Ontario, Canada	<1 g/L	<1%	no	not available	yes			
Tremco Dualflex	Waterproofing	Exterior applied waterproofer (Article)	Rochester, New Hampshire	<1 g/L	<1%	no	not available	yes		Red List Free	

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Tremco Epoxy Primer	Waterproofing	Two-component (1:1) primer recommended for use as a porous primer	Cleveland, Ohio	<1 g/L	<1%	no	not available	yes			
Tremco Protection Mat	Waterproofing	Exterior applied waterproofer	Dalton, Georgia	<1 g/L	<1%	no	not available	yes			
Tremco PUMA BC (all grades)	Traffic Coating, Waterproofing	Polyurethane-methacrylate (PUMA) base coat	Twisttringen, Germany	<1 g/L	<1%	no	yes	yes			
Tremco PUMA Cleaner	Traffic Coating, Waterproofing	One-part MMA cleaner for all tools such as mixing paddles, squeegees, spiked rollers and spatulas.	Twisttringen, Germany	0 g/L	0%	no	yes	yes			
Tremco PUMA Flashing	Traffic Coating, Waterproofing	Modified polyurethane-methacrylate (PUMA) base coat.	Twisttringen, Germany	0 g/L	0%	no	not available	yes			
Tremco PUMA Initiator+	Traffic Coating, Waterproofing	Benzoyl peroxide-based filler	Los Reyes, La Paz, Mexico	0 g/L	0%	no	yes	yes			
Tremco PUMA TC	Traffic Coating, Waterproofing	Methyl-methacrylate (MMA) top coat.	Twisttringen, Germany	<1 g/L	<1%	no	yes	yes			
Tremco PUMA WC	Traffic Coating, Waterproofing	Polyurethane-methacrylate (PUMA) wear coat	Twisttringen, Germany	<1 g/L	<1%	no	yes	yes			
Tremco PUMA Filler Powder	Traffic Coating, Waterproofing	Non-reactive, white, filler powder	Twisttringen, Germany	<1 g/L	<1%	no	not available	yes			
Tremco PUMA Primer	Traffic Coating, Waterproofing	Methyl-methacrylate (MMA), two-component primer for porous and non-porous substrates	Twisttringen, Germany	0 g/L	0%	no	yes	yes			
Tremco Retention Squares	Waterproofing	Exterior applied waterproofer	Stuttgart, Germany	<1 g/L	<1%	no	not available	yes			
Tremco Rubber Aggregate	Traffic Coating	Exterior applied waterproofing product	Wapakoneta, Ohio	<1 g/L	<1%	no	not available	yes			
**TREMDrain	Waterproofing	Exterior applied drainage product (Article)	Monroe, North Carolina & Carson City, Nevada	<1 g/L	<1%	no	not available	yes		Red List Free	Recycled content is 70% (Post-Industrial). Because this product is partially created with recycled content, consumers are able to work towards one Building Product Disclosure and Optimization: Raw Materials Extraction point.
**TREMDrain 1000	Waterproofing	Exterior applied drainage product	Monroe, North Carolina & Carson City, Nevada	<1 g/L	<1%	no	yes	yes		Red List Free	Recycled content is 70% (Post-Industrial). Because this product is partially created with recycled content, consumers are able to work towards one Building Product Disclosure and Optimization: Raw Materials Extraction point.
**TREMDrain 2000 NW	Waterproofing	Exterior applied drainage product	Monroe, North Carolina & Carson City, Nevada	<1 g/L	<1%	no	not available	yes		Red List Free	Recycled content is 60% (Post-Industrial). Because this product is partially created with recycled content, consumers are able to work towards one Building Product Disclosure and Optimization: Raw Materials Extraction point.
**TREMDrain 3000 NW	Waterproofing	Exterior applied drainage product	Monroe, North Carolina & Carson City, Nevada	<1 g/L	<1%	no	not available	yes		Red List Free	Recycled content is 74% (Post-Industrial). Because this product is partially created with recycled content, consumers are able to work towards one Building Product Disclosure and Optimization: Raw Materials Extraction point.
**TREMDrain 6000	Waterproofing	Exterior applied drainage product	Monroe, North Carolina & Carson City, Nevada	<1 g/L	<1%	no	not available	yes		Red List Free	Recycled content is 25.5% (Post-Industrial). Because this product is partially created with recycled content, consumers are able to work towards one Building Product Disclosure and Optimization: Raw Materials Extraction point.
**TremDrain 6000X	Waterproofing	Exterior applied drainage product (Article)	Toronto, Ontario, Canada	<1 g/L	<1%	no	not available	yes		Red List Free	
**TREMDrain 6600	Waterproofing	Exterior applied drainage product	Monroe, North Carolina & Carson City, Nevada	<1 g/L	<1%	no	not available	yes		Red List Free	Recycled content is 70% (Post-Industrial). Because this product is partially created with recycled content, consumers are able to work towards one Building Product Disclosure and Optimization: Raw Materials Extraction point.
**TREMDrain Corner Guard	Waterproofing	Exterior applied drainage product	Fitzgerald, Georgia	<1 g/L	<1%	no	not available	yes		Red List Free	
**TREMDrain DPI	Waterproofing	Exterior applied drainage product	Toledo, Ohio	<1 g/L	<1%	no	not available	yes		Red List Free	Recycled content is 35% (Post-Industrial). Because this product is partially created with recycled content, consumers are able to work towards one Building Product Disclosure and Optimization: Raw Materials Extraction point.
**TREMDrain QSP	Waterproofing	Exterior applied drainage product	Monroe, North Carolina & Carson City, Nevada	<1 g/L	<1%	no	not available	yes		Red List Free	Recycled content is 70% (Post-Industrial). Because this product is partially created with recycled content, consumers are able to work towards one Building Product Disclosure and Optimization: Raw Materials Extraction point.

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**TREMdrain S	Waterproofing	Exterior applied drainage product	Monroe, North Carolina & Carson City, Nevada	<1 g/L	<1%	no	not available	yes		Red List Free	Recycled content is 70% (Post-Industrial). Because this product is partially created with recycled content, consumers are able to work towards one Building Product Disclosure and Optimization: Raw Materials Extraction point.	
Tremprime HR Primer	Waterproofing	Hot-applied rubberized asphalt Primer	Delta, British Columbia, Canada	145 g/L	10%	no	yes	yes		Red List Free	This product is typically used as an exterior applied product, as such, it does apply to the Low Emitting Materials credit in LEED v4.1.	
TREMprime LV	Waterproofing	Non-porous one-part primer	Chicago, Illinois	0 g/L	0%	no	not available	yes		Red List Free		
TREMprime Multisurface Urethane Primer	Waterproofing	Two-component, quick drying, epoxy-based, VOC-compliant primer	Cleveland, Ohio	0 g/L	0%	no	yes	yes		Red List Free		
TREMprime Non-porous Primer	Waterproofing	Water-based, quick-drying, one-part primer	Erie, Pennsylvania	7 g/L	0%	no	yes	yes		Red List Free	This product is typically used as an exterior applied product, as such, it does apply to the Low Emitting Materials credit in LEED v4.1.	
TREMprime QD Low-Odor Primer	Waterproofing	Quick drying, high-solids, solvent-based modified bituminous roofing primer	Toronto, Ontario, Canada	410 g/L	46%	no	not available	no		Red List Free		
TREMprime Silicone Metal Primer	Waterproofing	One-component silicone sealant primer					not available			Red List Free		
TREMprime VB	Waterproofing	Two-component, epoxy-based, solvent-free vapor barrier	Twiststringen, Germany	0 g/L	0%	no	not available	yes				
TREMprime WB Primer	Waterproofing	High-solids, water-based primer	Toronto, Ontario, Canada	<1 g/L	<1%	no	not available	yes		Red List Free		
TREMprime VB Plus Primer	Waterproofing	Two-component silicone sealant primer	Batavia, Ohio	22 g/L	<5%	no	not available	yes				
Trempro 640/642	Waterproofing	One-part liquid polyurethane coatings	Cleveland, Ohio	0 g/L	0%	no	yes	yes		Red List Free		
TREMproof 201/60 LV - R, SL, T	Waterproofing	Fluid-applied, elastomeric waterproofing	Toronto, Ontario, Canada	R=82 g/L SL=95 g/L T=55 g/L	R=6.75% SL=6.36% T=4.92%	no	yes	yes		Red List Free	For LEED v4.1 credit, this level meets California Air Resources Board (CARB) 2007 Suggested Control Measure (SCM) for Architectural Coatings.	
TREMproof 250GC-LV - R, SL, T	Waterproofing	Single-component, rapid curing, fluid-applied elastomeric waterproofing membrane	Cleveland, Ohio	R=177 g/L SL=157 g/L T=166 g/L	R=8% SL=8% T=14%	no	yes	no				
TREMproof 260	Waterproofing	Single-component asphalt emulsion waterproofing membrane	Medina, Ohio	0 g/L	0%	no	yes	yes		Red List Free		
TREMproof 500 Series	Waterproofing	Exterior applied waterproofer (Article)	Newburyport, Massachusetts	<1 g/L	<1%	no	not available	yes				
TREMproof 560A	Waterproofing	Sheet applied waterproofing membrane (Article)	Umm Al-Quwain, UAE	<1 g/L	<1%	no	yes	yes		Red List Free		
TREMproof 6100	Waterproofing	Multi-layered, fabric-reinforced, hot-applied, rubberized asphalt waterproofing membrane	Missauga, Ontario, Canada	0 g/L	0%	no	yes	yes		Red List Free		
TREMproof Amphibia	Waterproofing	Sheet applied waterproofing membrane (Article)	Ponzano Veneto, Italy	<1 g/L	<1%	no	yes	yes		Red List Free		
Universal Outlet	Waterproofing	Exterior applied drainage product (Article)	Trenton, South Carolina	<1 g/L	1%	no	not available	yes		Red List Free	Recycled content for Universal Outlet is varies between 15% to 90% (Pre-consumer). Because this product is partially created with recycled content, consumers are able to work towards one Building Product Disclosure and Optimization: Raw Materials Extraction point.	
Universal Tee	Waterproofing	Exterior applied drainage product (Article)	Monroe, North Carolina	<1 g/L	1%	no	not available	yes		Red List Free	Recycled content for Universal Tee is 100% (Pre-Consumer). Because this product is partially created with recycled content, consumers are able to work towards one Building Product Disclosure and Optimization: Raw Materials Extraction point.	
VISIONstrip	Waterproofing	Precision-extruded glazing seal (Article)	Ashland, Ohio	<1 g/L	1%	no	yes	yes		Red List Free		
Vulkem 171 Primer	Traffic Coating	Quick-drying, one-part, moisture-curing primer	Cleveland, Ohio	559 g/L	58.25%	no	yes	no		Red List Free		
Vulkem 191 Primer	Traffic Coating	Quick drying, one-part, moisture-curing primer	Cleveland, Ohio	<1 g/L	<1%	no	yes	yes		Red List Free	Vulkem 191 Primer has 19% rapidly renewable content.	

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Vulkem 346	Traffic Coating	Aliphatic one-component polyurethane intermediate or top coat	Cleveland, Ohio	353 g/L	27%	no	yes	no		Red List Free	
Vulkem 350	Traffic Coating	Single-component urethane membrane base coat	Cleveland, Ohio	159 g/L	15%	no	yes	no			
Vulkem 350FC	Traffic Coating	Two-component, fast-curing, VOC-compliant, chemically-curing urethane membrane base coat	Cleveland, Ohio	<100 g/L	10%	no	not available	yes			
Vulkem 350NF R, SL	Traffic Coating	Single-component, low odor, low VOC, urethane membrane base coat	Cleveland, Ohio	R=86 g/L SL = 93 g/L	R=7% SL=27%	no	yes	yes			
Vulkem 350FC	Traffic Coating	Two-component, fast-curing, VOC-compliant, chemically-curing urethane membrane base coat	Cleveland, Ohio	<100 g/L	10%	no	not available	yes			
Vulkem 351	Traffic Coating	Single-component polyurethane, intermediate or top coat	Cleveland, Ohio	353 g/L	27%	no	yes	no		Red List Free	
Vulkem 351NF	Traffic Coating	Two-component, polyurethane, intermediate or top coat	Cleveland, Ohio	94 g/L	0.06%	no	yes	yes		Red List Free	
Vulkem 360NF	Traffic Coating	Low odor, low VOC, water-cured, rapid setting urethane membrane base coat	Cleveland, Ohio	58 g/L	5.69%	no	yes	yes			
Vulkem 801	Traffic Coating	Liquid-applied, single-component, heavy duty, aluminized polyurethane coating system	Cleveland, Ohio	47 g/L	1%	no	yes	yes		Red List Free	Vulkem 950NF has 48.64% rapidly renewable content. Also, Vulkem 950NF's VOC level is below limits set by SCAQMD.
Vulkem 950NF	Traffic Coating	Two-component polyurethane, intermediate or top coat	Toronto, Ontario, Canada	18 g/L	<1%	no	yes	yes			
Vulkem 951NF	Traffic Coating	Two-component polyurethane intermediate coat or top coat	Cleveland, Ohio	94 g/L	4%	no	yes	yes		Red List Free	
Vulkem OC810	Traffic Coating	One-coat, high-solids, aliphatic, polyurethane membrane	Cleveland, Ohio	22 g/L	1%	no	yes	yes			
Weatherlastic HB	Waterproofing	Fiber reinforced, texturized, elastomeric, acrylic wall coating	Medina, OH	21 g/L	<1%	no	yes	yes			VOC content values are as reported for the highest VOC content color for all Weatherlastic HB colors. Other colors may have a lower VOC content reported on the SDS.

***Air barrier systems, when properly installed, have been shown to reduce energy costs for HVAC by as much as 40% versus buildings without fully-adhered air barriers. This is important to remember as utilizing such an air barrier system such as ExoAir may assist in earning points within LEED.**

****TREMdrain products are an excellent way to gather and redirect rainwater for reuse in non-potable applications, which can help contribute to water conservation efforts and points for water use reduction in LEED.**

We are pleased to report that products without any Red List Chemicals can be used to assist in finishing projects aimed towards achieving a Living Building Challenge Certification.