

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 Sealant products.













Building Product Disclosure and Optimization:

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

Recycled content for Tremco CPG Sealant 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 1168	Product adheres to the CDPH Standard Method V1.2-2017	Living Building Challenge	Greenguard Certified	Additional Information
			Location of Manufacture	VOC (grams/L)	VOC % by Weight (as applied mixed)	Single Extracted Material	Manufacturing Inventory Available					
440 Tape	Selants & Mastics	Polyisobutylene cross-linked butyl, preformed sealant tape (Article)	Toronto, Ontario, Canada	<1 g/L	<1%	no	yes	yes	yes	Red List Free		
Dymonic 100	Selants & Mastics	Single-component, medium-modulus, non-sag polyurethane sealant	Cleveland, Ohio	40 g/L	3%	no	yes	yes	yes			
Dymonic FC	Selants & Mastics	Fast-curing, single-component, low-modulus, hybrid sealant	Toronto, Ontario, Canada	6 g/L	<1%	no	yes	yes	yes			
Elastomeric and Butyl	Selants & Mastics	Uncured neoprene sheeting (Article)	Toronto, Ontario, Canada	<1 g/L	<1%	no	not available	yes				
EnerEDGE	IG Spacers & Edge Sealants	EPDM insulating glass spacer (Article)	Ashland, Ohio	<1 g/L	<1%	no	yes	yes				
EnerSEAL 332	IG Spacers & Edge Sealants	Hot melt butyl IG perimeter sealant	Cleveland, Ohio	0 g/L	0%	no	not available	yes				
EnerSEAL 340R	IG Spacers & Edge Sealants	Reactive hot melt IG perimeter sealant	Cleveland, Ohio	0 g/L	0%	no	not available	yes				
EnerSEAL JS680	IG Spacers & Edge Sealants	Polyisobutylene primary sealant for framed IG spacers	Cleveland, Ohio	0 g/L	0%	no	not available	yes	yes			
EnerSEAL JS780S	IG Spacers & Edge Sealants	Polyisobutylene IG primary sealant for desiccated foam spacers	Cleveland, Ohio	0 g/L	0%	no	not available	yes				
ExoAir Flex Foam	Selants & Mastics	Single-component, polyurethane flexible foam sealant (*Air barrier)	Arkel, Zuid-Holland	153 g/L	15.4%	no	not available	yes				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.
ExoAir LEF	Selants & Mastics	Single-component, polyurethane foam sealant (*Air barrier)	Arkel, Zuid-Holland	210 g/L	<1%	no	not available	yes	yes			
Gutter Seal + (Clear)	Selants & Mastics	Gutter sealing elastomeric sealant	Toronto, Ontario, Canada	334 g/L	36%	no	not available	yes	Clear is exempt			VOC content values are as reported for the highest VOC content color for all Gutter Seal colors. Other colors may have a lower VOC content reported on their SDS.
Gutter Seal + (White and Colors)	Selants & Mastics	Gutter sealing elastomeric sealant	Toronto, Ontario, Canada	<20 g/L	<4%	no	not available	yes				
HDPE Protection/Barrier Courses (Root and Vapor)	Selants & Mastics	High-density polyurethane protection sheet barrier	Spearfish, South Dakota	0 g/L	0%	no	not available	yes				
Proglaze	Selants & Mastics	Single-Component, moisture cure, acetoxy silicone sealant for glazing	Cleveland, Ohio	36 g/L	3.5%	no	yes	yes	yes	Red List Free		VOC content values are as reported for the highest VOC content color for all Proglaze colors. Other colors may have a lower VOC content reported on their SDS.
Proglaze ETA	Gaskets, Tapes & Extrusions	Silicone sealant	Ashland, Ohio	0 g/L	0%	no	yes	yes	yes	Red List Free		
Proglaze ETA Extruded Aluminum Adapter	Gaskets, Tapes & Extrusions	Silicone sealant	Newnan, Georgia	0 g/L	0%	no	not available	yes	yes			Recycled content for this product is 60% (55% Post-Industrial and 5% 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. 100% recyclable after reaching end of life.
Proglaze SSG	Selants & Mastics	Single-component, neutral-cure, silicone sealant for structural glazing	Toronto, Ontario, Canada	14 g/L	1.20%	no	yes	yes	yes	Red List Free		

Product	Product Category	Description	Materials and Resources					Lower than SCAQMD rule 1168	Product adheres to the CDPH Standard Method V1.2-2017	Living Building Challenge	Greenguard Certified	Additional Information
			Location of Manufacture	VOC (grams/L)	VOC % by Weight (as applied mixed)	Single Extracted Material	Manufacturing Inventory Available					
Reinforcing Fabric	Selants & Mastics	Polyester fabric	Toronto, Ontario, Canada	0 g/L	0%	no	yes	yes	yes			
SGT-900 Series Tape	Gaskets, Tapes & Extrusions	Polyurethane foam tape (Article)	Ashland, Ohio	0 g/L	0%	no	not available	yes	yes			
Spectrem 1	Selants & Mastics	Single-component, moisture cure, ultra-low modulus silicone sealant.	Toronto, Ontario, Canada	1 g/L	<1%	no	yes	yes	yes	Red List Free		*Red List Free dependent upon color.
Spectrem 2	Selants & Mastics	Single-component, neutral-cure, silicone sealant for 2-sided structural glazing	Toronto, Ontario, Canada	42 g/l	3%	no	yes	yes	yes	Red List Free		VOC content values are as reported for the highest VOC content color for all Spectrem 2 colors. Other colors may have a lower VOC content reported on the SDS. *Red List Free dependent upon color.
Spectrem 3	Selants & Mastics	Single-component, non-staining sealant with advanced silicone technology	Toronto, Ontario, Canada	18 g/L	1%	no	yes	yes	yes			VOC content values are as reported for the highest VOC content color for all Spectrem 2 colors. Other colors may have a lower VOC content reported on the SDS.
Spectrem 4-TS	Selants & Mastics	Multi-component, non-staining sealant with advanced silicone technology	Toronto, Ontario, Canada	18 g/L	1%	no	yes	yes	yes			
Spectrem 800	Selants & Mastics	Single-component, moisture cure, silicone sealants for highway and parking applications	Toronto, Ontario, Canada	1 g/L	<1%	no	yes	yes	yes	Red List Free		*Red List Free dependent upon color.
Spectrem 900SL	Selants & Mastics	Single-component, moisture-cure, silicone sealants for highway and parking application	Toronto, Ontario, Canada	1 g/L	<1%	no	yes	yes				
Spectrem Simple Seal	Gaskets, Tapes & Extrusions	Silicone extrusion (Article)	Harbor Springs, Michigan	0 g/L	0%	no	not available	yes	yes			
Tremco 830+ (Clear)	Selants & Mastics	One-part, thermoplastic, elastomeric glass and siding sealant	Toronto, Ontario, Canada	334 g/L	36.25%	no	not available	yes	Clear is exempt	Red List Free		VOC content values are as reported for Tremco 830+ Clear. Tremco 830+ colors have a lower VOC content reported on the SDS.
Tremco 830+ (White and Colors)	Selants & Mastics	One-part, thermoplastic, elastomeric glass and siding sealant	Toronto, Ontario, Canada	<20 g/L	<4%	no	not available	yes		Red List Free		VOC content values are as reported for all Tremco 830+ colors. Tremco 830+ clear has a higher VOC content reported on the SDS. *Red List Free dependent upon color.
Tremco Acoustical Sealant	Selants & Mastics	One-part, non-skinning, sound damping sealant	Toronto, Ontario, Canada	155 g/L	10%	no	yes	no		Red List Free		
Tremco ET 675	Gaskets, Tapes & Extrusions	Extruded flow-resistant butyl tape	Toronto, Ontario, Canada	0 g/L	0%	no	not available	yes		Red List Free		
Tremflex 834	Selants & Mastics	Siliconized acrylic latex sealant	Toronto, Ontario, Canada	22 g/L	<1%	no	yes	yes	yes	Red List Free		VOC content values are as reported for the highest VOC content color for all Tremflex 834 colors. Other colors may have a lower VOC content reported on the SDS.
Tremflex 834 Clear	Selants & Mastics	Siliconized acrylic latex sealant	Toronto, Ontario, Canada	22 g/L	<1%	no	yes	yes	yes	Red List Free		VOC content values are as reported for the highest VOC content color for all Tremflex 834 colors. Other colors may have a lower VOC content reported on the SDS.
TremGlaze S500+	Selants & Mastics	One-part, medium-modulus, neutral-curing, silicone sealant ideal for window and door glazing	Toronto, Ontario, Canada	34 g/L	3.3	no	not available	yes		Red List Free		VOC content values are as reported for the highest VOC content color for all TremGlaze S500+ colors. Other colors may have a lower VOC content reported on the SDS.
TremGlaze S600	Selants & Mastics	One-part, medium-modulus, in-plant silicone glazing sealant	Toronto, Ontario, Canada	33 g/L	2	no	yes	yes				VOC content values are as reported for the highest VOC content color for all TremGlaze 600 colors. Other colors may have a lower VOC content reported on the SDS.
TremGlaze S700	Selants & Mastics	Single-component, high-modulus, neutral-cure silicone sealant glazing sealant	Toronto, Ontario, Canada	9 g/L	<1%	no	yes	yes		Red List Free		
TremGlaze S900	Selants & Mastics	Multi-component, reactive back bedding sealant	Toronto, Ontario, Canada	0 g/L	0	no	yes	yes				
TremGlaze SA1100	Selants & Mastics	Paintable siliconized acrylic latex sealant	Toronto, Ontario, Canada	14 g/L	0.65%	no	yes	yes	yes	Red List Free		
TremGlaze UA1300	Selants & Mastics	Single-component, urethane acrylic sealant	Greenville, South Carolina	18 g/L	1%	no	not available	yes		Red List Free		
TremGlaze U1600	Selants & Mastics	Low modulus, single-component, moisture curing, hybrid sealant	Toronto, Ontario, Canada	6 g/L	0%	no	yes	yes				
TREMgrip	Selants & Mastics	Single-component, quick tack adhesive	Toronto, Ontario, Canada	<1 g/L	<1%	no	yes	yes				
TREMprime Silicone Metal Primer	Selants & Mastics	Single-component primer used to enhance adhesion of silicone sealants on nonporous surfaces	Toronto, Ontario, Canada	671 g/L	85%	no	yes	no		Red List Free		
TREMprime Silicone Porous Primer	Selants & Mastics	Single-component primer used to enhance adhesion of silicone sealant to porous surfaces	Munich, Germany	252 g/L	11%	no	not available	yes		Red List Free		

Product	Product Category	Description	Materials and Resources					Lower than SCAQMD rule 1168	Product adheres to the CDPH Standard Method V1.2-2017	Living Building Challenge	Greenguard Certified	Additional Information
			Location of Manufacture	VOC (grams/L)	VOC % by Weight (as applied mixed)	Single Extracted Material	Manufacturing Inventory Available					
TremPro 626	Selants & Mastics	One-part, medium, gun grade polyurethane sealant	Cleveland, Ohio	47 g/L	2.60%	no	yes	yes				
TremPro 635	Selants & Mastics	Low-to-medium modulus, single-component, gun grade polyurethane sealant	Cleveland, Ohio	5 g/L	0%	no	yes	yes				
TremPro 638 SSL	Selants & Mastics	Low-modulus, one-component, semi-self-leveling polyurethane sealant	Cleveland, Ohio	0 g/L	0%	no	yes	yes				
TremPro 644 HT	Selants & Mastics	One-part, high temperature, silicone sealant	Cleveland, Ohio	30 g/L	2%	no	yes	yes	yes	Red List Free		*Red List Free dependent upon color.
TremPro 644 RTV	Selants & Mastics	One-part, general purpose, acetoxysilicone sealant	Nunschritz, Germany	1 g/L	0%	no	yes	yes	yes	Red List Free		
TremPro 645	Selants & Mastics	Single-component, medium-modulus, neutral-cure silicone sealant	Toronto, Ontario, Canada	30 g/L	2%	no	yes	yes	yes	Red List Free		
TremPro JS-773+	Selants & Mastics	Non-skinning, non-drying, flexible, synthetic butyl elastomer acoustical sealant	Toronto, Ontario, Canada	151	<10%	no	not available	no				
TremPro PU1000	Selants & Mastics	Single component collapsible foam adhesive	Arkel, the Netherlands	153 g/L	15.18%	no	not available	yes				
Tremsil 200	Selants & Mastics	Single-component, acetoxysilicone sealant	Toronto, Ontario, Canada	1 g/L	0%	no	yes	yes	yes	Red List Free		
Tremsil 400	Selants & Mastics	Single-component, neutral-cure silicone sealant	Toronto, Ontario, Canada	42 g/L	3%	no	yes	yes		Red List Free		VOC content values are as reported for the highest VOC content color for all Tremsil 400 colors. Other colors may have a lower VOC content reported on their SDS.
Tremsil 600	Selants & Mastics	Single-component, neutral cure, fast skinning, medium modulus silicone sealant for glazing	Toronto, Ontario, Canada	33 g/L	2%	no	yes	yes	yes			VOC content values are as reported for the highest VOC content color for all Tremsil 600 colors. Other colors may have a lower VOC content reported on their SDS.
TREMstop Acrylic	Firestopping	Acrylic latex sealant for use in firestop applications	Toronto, Ontario, Canada	38 g/L	1%	no	yes	yes	yes	Red List Free		VOC content values are as reported for the highest VOC content color for all Tremstop Acrylic colors. Other colors may have a lower VOC content reported on their SDS.
TREMstop Acrylic Spray	Firestopping	Sprayable acrylic latex sealant for use in firestop applications	Toronto, Ontario, Canada	40 g/L	1%	no	not available	yes	yes	Red List Free		
TREMstop Fire Mortar	Firestopping	One-part, fast setting, fire resistive microsilica compound	Toronto, Ontario, Canada	0 g/L	0%	no	yes	yes		Red List Free		
TREMstop FS Blanket	Firestopping	Firestopping fiber insulation blanket (Article)	Toronto, Ontario, Canada	<1 g/L	1%	no	not available	yes				
TREMstop Fyre-Sil	Firestopping	Gun-grade, neutral-cure, silicone sealant for use in firestop applications	Toronto, Ontario, Canada	26 g/L	2%	no	yes	yes	yes	Red List Free *Depending on grade		Please reach out to Tremco for assistance on which colors can be used for Living Building Challenge credits.
TREMstop Smoke and Sound Sealant	Firestopping	Gun-grade, acrylic latex sealant	Toronto, Ontario, Canada	14 g/L	0.67%	no	yes	yes		Red List Free		
TREMstop Smoke and Sound Spray	Firestopping	Sprayable acrylic latex sealant	Toronto, Ontario, Canada	35 g/L	1%	no	yes	yes	yes	Red List Free		
TREMstop SuperStrip	Firestopping	Graphite-based intumescent wrap strip	Burlington Township, New Jersey	<1 g/L	1%	no	yes	yes	yes	Red List Free		VOC content values are lower than the limits set by SCAQMD Rule 1113.
Vulkem 116	Selants & Mastics	Textured, single-component polyurethane sealant	Cleveland, Ohio	<50 g/L	<2%	no	yes	yes				VOC content values are as reported for the highest VOC content color for all Vulkem 116 colors. Other colors may have a lower VOC content reported on their SDS.
Vulkem 445SSL	Selants & Mastics	Field-tintable, semi-self-leveling, multi-component, polyurethane sealant.	Cleveland, Ohio	106 g/L	8.42%	no	yes	yes				
Vulkem 455SL	Selants & Mastics	Semi-self-leveling, single-component, polyurethane sealant	Cleveland, Ohio	108 g/L	8.19%	no	yes	yes				
Willseal 250-B	Expansion Joints & Transitions	Precompressed expansion joint (Article)	Hudson, New Hampshire	<1g/L	<1%	no	not available	yes	yes			
Willseal 250-CM	Expansion Joints & Transitions	Precompressed expansion joint (Article)	Hudson, New Hampshire	<1g/L	<1%	no	not available	yes	yes			
Willseal 250-R	Expansion Joints & Transitions	Precompressed expansion joint (Article)	Hudson, New Hampshire	<1g/L	<1%	no	not available	yes	yes			

Product	Product Category	Description	Materials and Resources					Lower than SCAQMD rule 1168	Product adheres to the CDPH Standard Method V1.2-2017	Living Building Challenge	Greenguard Certified	Additional Information
			Location of Manufacture	VOC (grams/L)	VOC % by Weight (as applied mixed)	Single Extracted Material	Manufacturing Inventory Available					
Willseal 600	Expansion Joints & Transitions	Precompressed expansion joint (Article)	Bodenwohr, Bavaria, Germany	<1g/L	<1%	no	not available	yes	yes	Red List Free		
Willseal STC	Expansion Joints & Transitions	Precompressed expansion joint (Article)	Hudson, New Hampshire	<1g/L	<1%	no	not available	yes	yes	Red List Free		
Willseal Backer Roll	Expansion Joints & Transitions	Precompressed expansion joint (Article)	Bodenwohr, Bavaria, Germany	<1g/L	<1%	no	not available	yes	yes	Red List Free		
Willseal Coreseal	Expansion Joints & Transitions	Precompressed expansion joint (Article)	Hudson, New Hampshire	<1g/L	<1%	no	not available	yes	yes			
Willseal Coresal H	Expansion Joints & Transitions	Precompressed expansion joint (Article)	Hudson, New Hampshire	<1g/L	<1%	no	not available	yes	yes			
Willseal Coresal V	Expansion Joints & Transitions	Precompressed expansion joint (Article)	Hudson, New Hampshire	<1g/L	<1%	no	not available	yes	yes			
Willseal Coresal-CM	Expansion Joints & Transitions	Precompressed expansion joint (Article)	Hudson, New Hampshire	<1g/L	<1%	no	not available	yes	yes			
Willseal Coresal-R	Expansion Joints & Transitions	Precompressed expansion joint (Article)	Hudson, New Hampshire	<1g/L	<1%	no	not available	yes	yes			
Willseal Seismic	Expansion Joints & Transitions	Precompressed expansion joint (Article)	Hudson, New Hampshire	<1g/L	<1%	no	not available	yes	yes			
Willseal Seismic HS	Expansion Joints & Transitions	Precompressed expansion joint (Article)	Hudson, New Hampshire	<1g/L	<1%	no	not available	yes	yes			

***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.**

Products that adhere to the California Department of Public Health (CDPH) Standard Method V1.2-2017, is a standard vital to demonstrate compliance with 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.

Should you have any questions or require additional information, please do not hesitate to contact Technical Services or your local Tremco Field Representative.