

For Immediate Release

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Tremco Commercial Sealants & Waterproofing Fact Sheet

Who we are

Tremco Commercial Sealants & Waterproofing (CS&W) is North America's foremost supplier of sealant, weatherproofing, and passive fire control solutions for commercial and residential construction and industrial applications. For generations, Tremco CS&W has successfully provided products and services to architects, engineers, home builders, contractors and building owners worldwide. When it comes to protecting and weatherproofing the entire building envelope, Tremco CS&W is uniquely positioned to provide single-source products, services and solutions.

Tremco CS&W is part of Tremco Incorporated, an RPM International Inc. affiliate company employing over 3,500 people in dozens of locations around the world. Tremco Incorporated consists of operating divisions specializing in the manufacture and sale of roofing materials and services, construction sealants, glazing and gaskets, waterproofing systems, concrete admixtures and sealers, grouts and mortars, firestopping systems and a host of custom designed products, programs and services dedicated to the worldwide construction, maintenance and repair industries. Tremco Incorporated entities include Tremco Commercial Sealants & Waterproofing, Tremco Illbruck International, Tremco Roofing and Building Maintenance, Tremco Barrier Solutions and The Euclid Chemical Company. All Tremco Incorporated facilities are ISO 9001/9002 Registered. To better represent the broad range of entrepreneurial companies within the structure, these companies are referred to as RPM Building Solutions Group.

RPM International, Inc., Tremco Incorporated's parent company headquartered in Medina, Ohio, owns more than 35 operating companies that produce more than 100 leading brand name coatings, sealants and specialty chemicals. In addition to products within Tremco Incorporated, RPM's industrial products include corrosion control coatings, flooring coatings and specialty chemicals under the brand names of **Stonhard®**, **Carboline®**, **Day-Glo®**, **EUCO®** and **Dryvit®**. RPM's consumer products are used by professionals and do-it-yourselfers for home maintenance and improvement, automotive and boat repair and maintenance, and by hobbyists under brand names which include **Zinsser®**, **Rust-Oleum®**, **DAP®**, **Varathane®**, **Bondo®** and **Testors®**.

Our industry commitment

The products – Tremco Commercial Sealants & Waterproofing offers the most complete range of high-performance products in the industry, which include Silicone Sealants, Urethane Sealants, Glazing Rubber Extrusions and Deck Coatings, Commercial and Residential Waterproofing and Firestopping Systems.

Sealants & Waterproofing – Products include multi-component and one-part urethane and silicone sealants, elastomeric deck coatings, below-grade hot and cold fluid-applied membranes, bentonite sheet waterproofing membranes, waterstops and other specialty coating systems.

Commercial Glazing – Tremco has been a market leader in the design, development and manufacturing of glazing products for use in commercial construction applications. Over the years, window units have become larger, higher performing glass has been developed and performance standards have increased, all placing ever increasing demands on the glazing materials used to seal and support the glass to or within the surrounding metal. To insure compatibility of all components and long-term performance to meet the most stringent requirements, Tremco offers a complete line of gaskets, tapes, setting blocks and spacers in addition to its glazing sealants for single-source, single-responsibility solutions to any glazing application. It also supplies compatible perimeter caulking and weatherproofing materials to complement the window or wall system.

Residential Glazing – **TremGlaze™** window and door performance sealants are specifically designed to meet the requirements of high-speed in-plant manufacturing and field installation demands. The window and door performance tapes are designed for compression and non-compression in-plant window and door glazing applications.

Industrial Products – In addition to a comprehensive line of sealants and adhesives, tapes, rubber extrusions, and polyurea and urethane coatings, Tremco helps industrial customers with specification development, application-specific product design, experienced problem-solving and on-site assistance. Applications include transportation, automotive and vehicular construction; pre-engineered metal building and standing seam roofs; pre-manufactured housing and mobile units; recreational vehicles; duct and HVAC; agricultural engineering; metal containers; telecommunications; marine; and log homes.

Firestopping – The **TREMstop®** brand of passive fire protection products features sealants and intumescent devices. Tremco has more than 400 independently tested fire-rated systems for through penetrations and joints.

The technology – Tremco has been a leader in the development of products and technology for some of the most demanding requirements and special needs of architects, engineers, contractors and building owners. Tremco pioneered the development of:

- Drying oil treatment processes to produce oils especially for caulking compounds.
- Some of the first synthetic polymers especially for use in sealants – **Mono-Lasto-Meric**.
- **DYmeric®**, a multi-component urethane which introduced the color pak system.
- **Tremco® Pre-Shimmed 440 Tape** and **Tremco® Polyshim Tape**, preformed glazing tapes incorporating an integral shim.
- **Advanced Silicone Technology™**, which provides the outstanding performance of silicones with uncompromising adhesion and exceptional resistance to dirt pickup and staining
- **Spectrem® 4-TS**, the only silicone sealant with the ability to tint on-site, making last-minute changes on the job easy and affordable particularly where multiple colors are incorporated in the design.
- **TREMproof® 250 GC**, a one-part, cold fluid-applied elastomeric waterproofing membrane that can be applied to “green” or damp concrete and cures within four hours problem-free.
- **ExoAir™ Air Barrier Systems**, the first totally integrated air barrier systems including fluid-applied air & vapor barrier systems designed for spray application to ensure efficiency and ease

of installation, vapor permeable systems to accommodate locales where seasonal temperatures and moisture variations are high, and all the compatible component products necessary to provide continuity from the ExoAir Thru-Wall Flashing Membrane to ExoAir Mastic, primers and compatible sealants.

- **TremGlaze S900**, the only in-plant back bedding sealant in the construction of windows and door products that exhibits green strength development in less than 15 minutes (allowing for improvement in productivity and unit handling while reducing the potential for sash distortion), develops a full cure in 3 hours and requires no capital investment since it is designed for use on conventional pumping and automated XY application equipment.
- **Proglaze® ETA**, a new patent-pending PROVEN solution from a single source to simplify the installation of transitions from window or curtain wall systems to wall assemblies which is comprised of pre-engineered finished aluminum and silicone materials designed for use with Tremco's Spectrem 1 Silicone Sealant to insure a durable connection and seal. Long-term air and moisture protection is guaranteed when used in conjunction with Tremco's ExoAir Air Barrier Systems.

The people – No other company in the industry has experienced field representatives in every major market throughout North America solely focused on working side-by-side with customers and specifiers to ensure project success. Tremco CS&W is uniquely positioned to provide assistance for specification development, application-specific product development, problem-solving and assistance on-site.

Key initiatives

Protective Glazing – Protection against manmade and natural disasters is a key concern for today's owners, specifiers, architects and contractors. Tremco's structural silicone glazing bonds glass to a curtain wall's structural framing members, transferring dynamic wind loads and impact from the glass through the structural silicone sealant to the curtain wall framing. The structural silicone sealants, which have been tested with major curtain wall and window manufacturers in North America, provide the excellent adhesion, tensile strength and flexibility critical to withstanding wind cycle loads and missile impacts. The industry's most stringent performance standards have been either met or exceeded for hurricane, impact and blast resistance.

Sustainable Design/Building – The environmental impact of buildings is becoming increasingly more apparent every day. Tremco CS&W is committed to providing sustainable design/building solutions which achieve economic, social and environmental balance. We are working to provide superior solutions that will incorporate sustainable and high performance strategies and systems taking into consideration the entire building life cycle while minimizing their impact on the environment. Dedicated to being at the leading edge of the sustainable design/building movement, Tremco CS&W has committed itself to developing a complete sustainable technologies program with a dedicated manager of sustainable technology, innovative product offerings, and comprehensive technical resources. By having Leadership in Energy and Environmental Design (LEED) Accredited Professionals (AP) on staff, Tremco is able to help customers facilitate sustainable design and LEED application documents by providing the knowledge and guidance necessary for implementation. A

database of LEED, Energy Star™ and other documentation for all Tremco products is maintained and is readily accessible on the Web site at www.tremcosealants.com to facilitate LEED submittals.

Air Barriers – Air leakage is an extremely efficient means of transporting moisture. As hot, humid air contacts colder surfaces/temperatures condensation occurs and moisture accumulates, creating a potential breeding ground for mold, mildew and other airborne organisms. The control of air leakage and the resulting moisture accumulation can help prevent structural damage. In addition, controlling air leakage also improves the indoor air quality of a building and provides significant energy efficiencies since it is estimated that air leakage can account for as much as 40 percent of a structure's heat loss/gain. Tremco offers an air and vapor permeable or impermeable barrier system to accommodate different air and moisture control requirements. These systems have been thoroughly tested to meet or exceed the most rigorous standards for air permeability, ensuring extended building durability and energy efficiency.

Firestopping – Firestopping, or passive fire protection, is designed to contain fire and smoke from infiltrating the rest of the building. Installed during construction, firestopping, in the event of a fire, saves lives and property by containing damaging flames and gasses. Required by commercial building codes such as the International Building Code, firestopping systems are tested at independent laboratories to ensure proper fire ratings. Tremco offers intumescent products – sealants and devices – that expand when exposed to fire to close off annular spaces or openings in fire walls, preventing the spread of smoke and fire.

Plant locations

Cleveland, OH
Ashland, OH
Medina, OH
Toronto, ON
Mississauga, ON
Spearfish, SD

Headquarter locations

Tremco Incorporated

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