



## TECHNICAL DATA SHEET

## TREMPRO CHEM X PRO®

Single component multi-purpose, non-sagging, high strength, hybrid polymer, adhesive/sealant

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### PRODUCT DESCRIPTION

TREMPRO CHEM X PRO is a single component multi-purpose, non-sagging, high strength, hybrid polymer, adhesive/sealant, designed to bond to a variety of substrates that are commonly found in manufacturing.

TREMPRO CHEM X PRO represents advancements in adhesive/sealant technology. It is solvent and isocyanate free, exhibits excellent weather resistance, and has both adhesive and sealant capabilities.

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### BASIC USES

TREMPRO CHEM X PRO is durable, flexible, and exhibits tenacious adhesion once fully cured. Typical applications include but are not limited to vehicles, RV's, cargo trailers, semi-trailers, truck bodies, steel tanks, HVAC units, boats, metal buildings, modular construction, cabinets, etc.

Typical substrates include metals, plastic, wood, foam, vinyl, drywall, etc.

Adhesion testing is always recommended prior to use.

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### FEATURES & BENEFITS

- Wide service range for manufacturing and in-plant construction
- Low VOC / low odor
- Exceptional bonding ability and adhesive performance
- Flexibility to move +/- 25%
- Superior green strength while curing and material strength once cured.

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### AVAILABILITY

Contact your local Tremco Sales Representative, Tremco Distributor or Customer Service for Availability.

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### COLORS

Black, Grey, White and Tan

Some colors and package types may require a minimum order.

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### PACKAGING

- 300 ml (10.1 oz) cartridges
- 600 ml (20 oz) sausages

Special packaging available upon request. Minimum order requirements exist for special packaging.

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### SHELF LIFE

12 months minimum stored at temperature below 95°F (35°C)

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## SUBSTRATE PREPARATION

TREMPRO CHEM X PRO should be applied to surfaces that are free from oil, grease, wax, dust, corrosion, moisture, or any material that may interfere with obtaining optimum adhesion. Do not use Xylol or MEK on substrates or to remove surface coatings, unless surface can be allowed to dry before application of sealant. If the substrate is wet with solvent, the sealant will not adhere properly. Use of a dry rag or brush to remove dust, dirt, or other contaminants is recommended.

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## APPLICATION

Apply TREMPRO CHEM X PRO with conventional caulking equipment or pressure equipment according to the manufacturer's instruction.

To ensure satisfactory conditions for curing, do not apply at temperatures below 41°F (5°C) or above 95°F (35°C). The optimum temperature for substrate and sealant is between 59°F (15°C) and 77°F (25°C).

Do not use alcohol or alcohol-containing agents for tooling.

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## PRIMING

TREMPRO CHEM X PRO typically adheres to common construction substrates without primers; however, due to the variability of substrate finishes such as Kynar and anodized aluminum, Tremco always recommends that application-specific testing be performed on the actual materials being used in the manufacturing process to verify the need for a primer, proper cleaning and prep requirements.

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## CLEAN UP

Remove TREMPRO CHEM X PRO from gun and tools before it cures. Clean up may be done by scraping off excess material with the use of solvents. Cured material may be removed by cutting with sharp tools or abrasion. Observe manufacturer's precautions when using toxic flammable solvents.

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## WARRANTY

A repair or replacement warranty is available on all Tremco products. Visit <https://www.tremcosealants.com/warranties/> for details.

## TYPICAL PHYSICAL PROPERTIES

| PROPERTY                           | TEST METHOD | TYPICAL RESULTS   |
|------------------------------------|-------------|---|
| Smoke Development                  | ASTM E84    | 0   |
| Flame Spread Index                 | ASTM E84    | 0   |
| Skin Time                          | ASTM C679   | 20 – 25 Minutes   |
| Tear Strength                      | ASTM D624   | 93 lbf/in   |
| Lap Shear Testing                  | ASTM C961   | 280 psi   |
| Tensile/Elongation                 | ASTM D412   | 412 (average 504%)  |
| Hardness (Shore A)                 |             | 60  |
| Movement                           |             | 25%   |
| Water Resistance                   |             | No Voids, Cracks, Separation, or Breakdown  |
| Service Temperature (Ref ISO 4663) |             | -40°F (-40°C) to 212°F (100°C)  |
| Application Temperature            |             | 41°F (5°C) or above 95°F (35°C)   |
| Change/Discoloration               |             | No visible change   |
| Accelerate UV Exposure             |             | No cracking   |
| Cold Temperature Exposure          |             | No cracking   |
| Surface Cracking                   |             |   |
| 77°F (25°C) for 21 days            |             | None  |
| 180°F (82°C) for 14 days           |             | None  |
| 140°F (60°C) for 21 days with UV   |             | None  |
| Horizontal Slump                   |             | None  |
| Low Temperature Flexibility        |             | No Cracks or Adhesion Loss  |
| Vertical Slump                     |             | None  |
| Vehicle Migration                  |             | None  |
| Painting                           |             | After 24 hours or 3 days if using relatively inflexible paint. Any latex and most oil-based paints are fine. Best results achieved when sealant is primed with latex enamel. Some paints might crack in dynamic joints. |



Meets the Requirements of  
NSF/ANSI/CAN 61



Meets the Requirements of  
NSF/ANSI/CAN 51

Please refer to our website at [www.tremcosealants.com](http://www.tremcosealants.com) for the most up-to-date Product Data Sheets.

**NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.**

TPCXP-DS/0223

Tremco Construction Products Group (CPG) brings together Tremco CPG Inc. and its Dryvit and Nudura brands; Willseal; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc. and its Pure Air Control Services and Canam Building Envelope Specialists offerings; and Weatherproofing Technologies Canada, Inc.



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