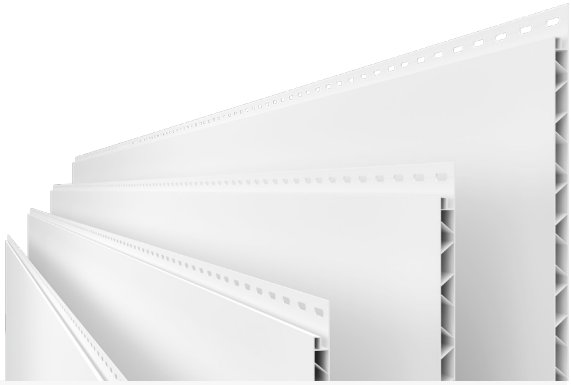
# trusscore®

**Trusscore Wall&CeilingBoard is a PVC-based panel system for interior walls and ceilings. Pre-finished panels have a unique inner truss design and a tongue and groove interlocking system that make them lightweight and easy to install.**



- Scratch, Dent & Damage Resistant
- Antimicrobial & Easy to Clean
- 100% Moisture & Water Resistant
- Installs 4x Faster Than Drywall
- Installs 2x Faster Than FRP
- 100% Recyclable

## Composition

Trusscore Wall&CeilingBoard is made from polyvinyl chloride (PVC), which is known for its mechanical strength and its abrasion-, water-, and chemical-resistant properties.

Combined with an inner truss design and non-porous surface, Trusscore Wall&CeilingBoard panels can stand up to contact without showing dents, cracks, or damage and are built to last in high-moisture environments with strict cleaning requirements.

## Product Data

| | |
|---|---|
| Width | 16in |
| Length | 8, 10, 12, 14, 16, 20ft*<br>**Custom lengths available, subject to minimum order* |
| Thickness | 0.5in |
| Weight | 0.8lb/sq.ft. |
| Color | White and Gray |

## Applications

Trusscore Wall&CeilingBoard is designed to replace drywall, plasterboard, and fiberglass reinforced plastic (FRP) systems in residential, commercial, and agricultural applications where durability, moisture resistance, and cleanability are among your top concerns.

*Common applications include commercial kitchens, healthcare facilities, car washes, indoor grow rooms, food processing facilities, hog, dairy, and poultry facilities, and more.*

## Fire Performance

Trusscore Wall&CeilingBoard has a “Class A” fire rating with a flame spread index of 10 and smoke developed index of 380. Trusscore Wall&CeilingBoard does not meet the requirements for fire resistance if a fire-rated wall assembly is specified by code. Trusscore products cannot be used as a substitute for thermal barriers for foam insulation.

## Sustainability Performance

- Trusscore Wall&CeilingBoard is low volatile organic compound (VOC) compliant and meets the California Department of Public Health 01350 standard for low-emitting materials.
- White Trusscore Wall&CeilingBoard panels have a light reflectivity value of 0.9 to maximize available natural and fixture lighting and boost energy efficiency.
- Trusscore offers custom product sizes to reduce material waste, however, off-cuts and excess pieces are 100% recyclable and can be reground to create new PVC-based products.
- Panels contribute to LEED certification credits in Low-Emitting Materials, Interior Lighting, Construction and Demolition Waste Management, and Interiors Life Cycle Impact Reduction categories.

## Regulatory Compliance

Trusscore Wall&CeilingBoard is fully compliant with the requirements set out by the Canadian Food Inspection Agency (CFIA), Food and Drug Administration (FDA), and U.S. Department of Agriculture (USDA) for areas where food is prepared. It also meets Current Good Manufacturing Practice (CGMP) facility requirements.

## Storage & Handling

Store Trusscore Wall&CeilingBoard in a flat, dry area away from direct sunlight to prevent warping or discoloration. Keep panels in their original packaging until ready for use to protect them from dust and debris. Carry the panels on edge during handling and use appropriate lifting techniques to prevent bending or breaking. Avoid impact or abrasion to panel surfaces.

## Installation

Install Trusscore Wall&CeilingBoard in an environment where the temperature ranges between 50°F and 68°F (10°C and 20°C). Acclimatize panels to this temperature range for at least 24 hours beforehand.

On ceilings, install panels perpendicular to the joist direction. Start by sliding the tongue edge of the first panel into the J Trim, leaving the screw flange exposed. Fasten the panel through the screw flange at each joist.

On walls, install panels vertically or horizontally to 16" on center framing. Fasten the panel to studs every 16 to 24 inches.

Follow the detailed instructions and use the recommended types of fasteners outlined in the **Trusscore Wall&CeilingBoard Installation Guide**.

## Backloading

When used for ceiling applications at joist spans of 16", insulation R-values up to R80 can be safely installed above Trusscore Wall&CeilingBoard with no visible deflection in the panels. For joist spans of 24" and 48", consult the **Backloading for Trusscore Wall&CeilingBoard Guide**.

## Cleaning & Maintenance

Trusscore Wall&CeilingBoard has a smooth, non-porous surface that can easily be wiped down with a non-abrasive cleaning solution, pressure washed, or disinfected using products approved for use by Health Canada or as recommended by the CDC and approved by the EPA in the United States.

## Test Data

| Property | Test Method | Test Result |
|---|---|---|
| **Physical Performance** | | |
| Coefficient of Thermal Expansion | ASTM D696 | Maximum 5.7 x 10^-5 in/in/°F |
| Material Density | ASTM D792 | 1.46 |
| **Durability** | | |
| Specific Gravity | ASTM D792 | 1.46 |
| Tensile Strength | ASTM D638 | 6,575 psi |
| Tensile Modulus | ASTM D638 | 377,000 psi |
| Yield Strength | ASTM D638 | 6,575 psi |
| Drop Impact Resistance | ASTM D4226 | 2.08 In-lb/mil |
| **Fire Performance** | | |
| Class | ASTM E84<br>CAN/ULC S102 | Class A |
| Flame Spread | ASTM E84<br>CAN/ULC S102 | 15<br>10 |
| Smoke Developed | ASTM E84<br>CAN/ULC S102 | 450<br>380 |
| **Environmental Performance** | | |
| Microbial Growth | ISO 846:2019 | Growth rating of zero when tested against harmful microbes like bacteria, fungus, and viruses |

**Trusscore Wall&CeilingBoard has a standard warranty period of 20 years, with a lifetime extended warranty upon registration.**

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