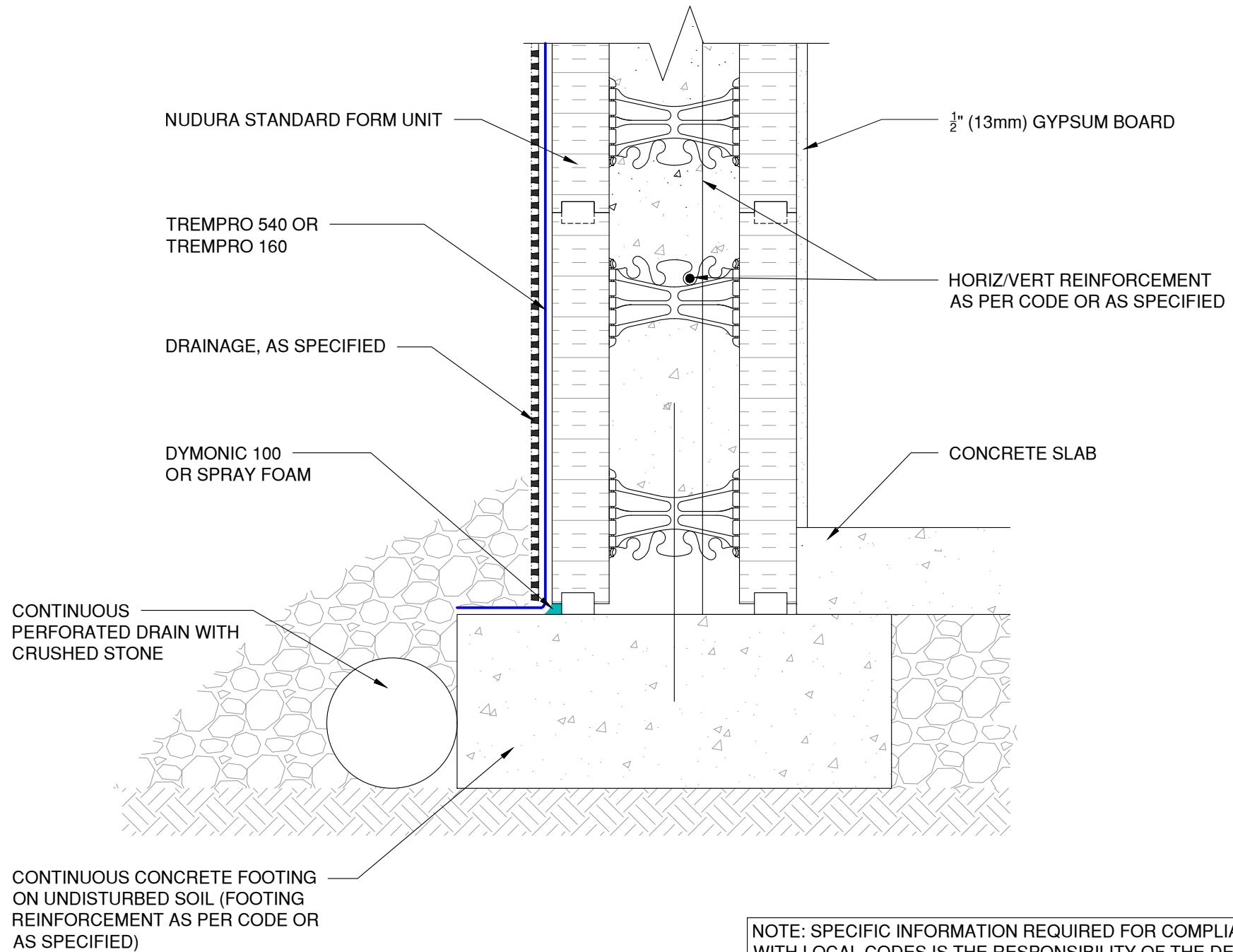


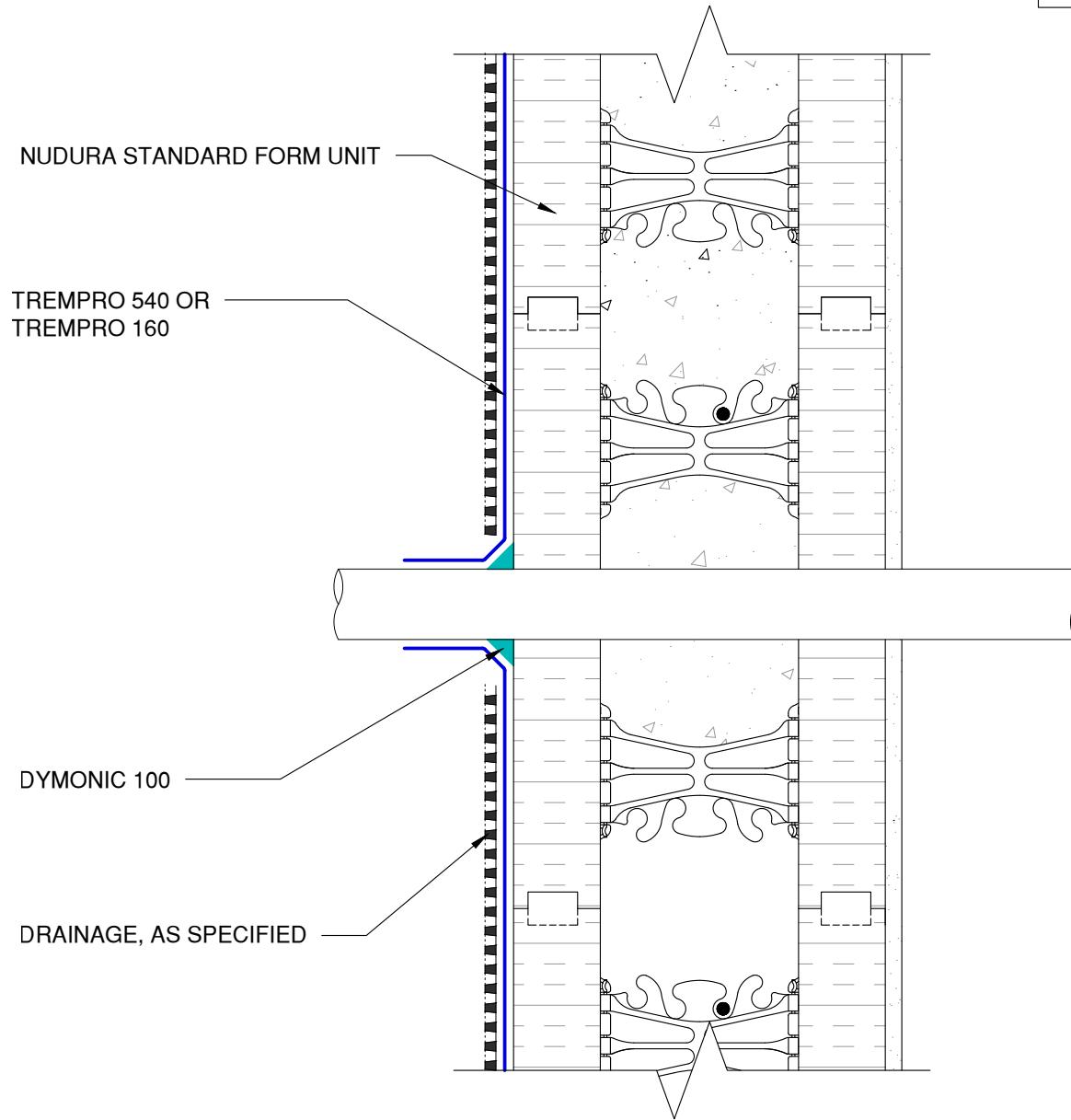
# TREMPRO 160

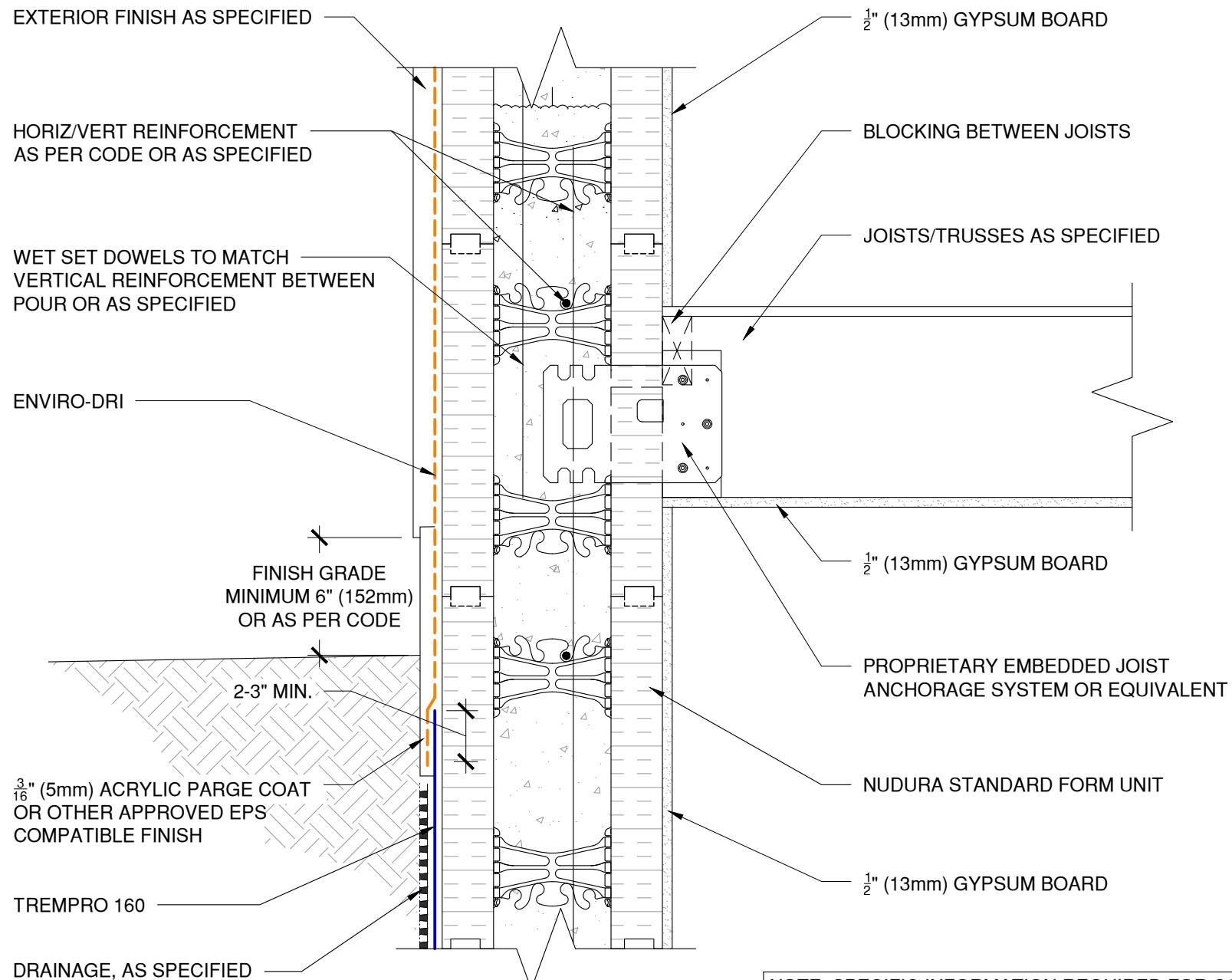
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NOTE: SPECIFIC INFORMATION REQUIRED  
FOR COMPLIANCE WITH LOCAL CODES IS  
THE RESPONSIBILITY OF THE DESIGNER





## Technical Bulletin

In 2012, the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard was updated to fully align with the United Nations' Globally Harmonized System (GHS). GHS is intended to improve the quality and consistency of hazard information in the workplace by incorporating more globally recognized classification criteria.

The conversion to GHS impacts the type of information provided on the label and Safety Data Sheet (SDS) and also the manner in which it is conveyed.

The most recognizable changes are **1**: the system in which the hazards are determined and ranked, **2**: the use of pictograms to convey the hazard information and **3**: the inclusion of carcinogenicity, reproductive and/or organ toxicity hazards that were not required prior to GHS.

**1**: Under the previous OSHA standard, HMIS III (Hazardous Materials Identification System) and NFPA (National Fire Protection Association) rating systems were often used to communicate the degree and type of hazard. These systems are not applicable under the new GHS standard and no longer appear on the SDS. GHS hazard categories are used in a different manner than these more familiar hazard rating systems.

Comparative examples:

HMIS III / NFPA 704 RATINGS	GHS HAZARD CATEGORIES
0 = Minimal Hazard	1 = Severe Hazard
1 = Slight Hazard	2 = Serious Hazard
2 = Moderate Hazard	3 = Moderate Hazard
3 = Serious Hazard	4 = Slight Hazard
4 = Severe Hazard	5 = Minimal Hazard

Flammability Criteria	GHS Category	HMIS III Rating	NFPA 704 Rating
Flash point < 73°F (23°C) and initial boiling point < 100°F (37.8°C)	1 or 2	4	4
Flash point < 73°F (23°C) and initial boiling point > 100°F (37.8°C)	2 or 3	3	3
Flash point > 73°F (23°C) and < 100°F (37.8°C)			
Flash point ≥ 100°F (37.8°C) and < 200°F (93.4°C)	3 or 4	2	2
Flash point > 200°F (93.4°C) and will burn in air when exposed to a temperature of 1500°F (815.5°C) for a period of 5 min.	None	1	1

**2:** Hazard statements are now accompanied by pictograms that are indicative of the type and degree of hazard. The statements correlate to specific warnings associated with the classifications below.

						
Irritant (skin, eye, respiratory)	Flammable Liquid	Carcinogen	Skin Corrosion/Burns	Acute Toxicity	Gases Under Pressure	Aquatic Toxicity
Skin Sensitizer	Flammable Solid	Reproductive Toxicity	Eye Damage			
		Aspiration Toxicity				
		Target Organ Toxicity				
		Mutagenicity				
		Respiratory Sensitizer				

**3:** Carcinogen and reproductive toxicity hazards were not required communication elements under the previous OSHA standard, but are now required under GHS. Although these types of statements can be disconcerting, it is important to understand the criteria with which they are determined and the nature of the potential risks involved.

Some examples include:

- The statements are required for all applicable substances, even if present at only trace (0.1%) levels.
- The hazard may only be applicable if the offending substance is in particulate form and present in respirable (micron) size.
- The hazard posed by some substances is only applicable during extreme, isolated exposure scenarios.

Even though our products may not contain substances in the applicable form or present the exposure circumstance that trigger the hazard, the classification system will still communicate the risk potential in accordance with GHS guidelines.

Tremco is committed to providing comprehensive and thorough hazard communication and product safety guidelines in order to provide a higher degree of responsible care for our employees and customers.

If you have any questions or concerns regarding the new GHS system or its impact relative to our products, please contact our Environmental Health and Safety Department at 1-800-852-6013 x5173.

# RESIDENTIAL

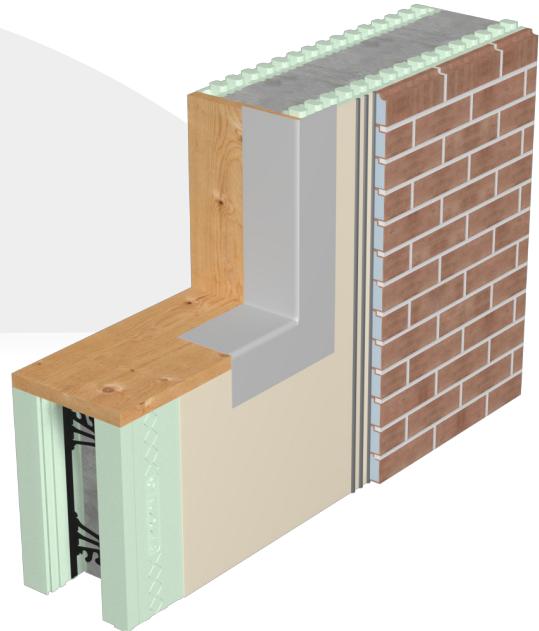
The Industry's One Group to Provide Systems and Services for the Entire Building Envelope

## The Power of One

On your next custom home or residential development project, make sure you're offering your customer the best performing building envelope on the market. One with products that are designed and tested to work as one continuous system, covered by one warranty – whether it's the basement foundation or the entire building enclosure.

Starting with the wall, Nudura Insulated Concrete Forms come together with other Tremco Construction Products Group (CPG) technologies to provide a variety of benefits to your team:

- Speeding construction
- Mitigation weather delays
- Controlling costs
- Reducing call-backs
- Decreasing maintenance requirements
- Improving energy efficiency



It's the power of one: One building envelope. One warranty. One powerful system delivering unmatched protection for your structure.

## Disaster Resilient Design

With Nudura Insulated Concrete Forms (ICF) you can be sure that your structure will offer the strongest protection against the elements and stand the test of time. Nudura ICF Systems have been used for commercial and residential structures throughout North America and have saved property owners from having to rebuild their homes and businesses following weather disasters that severely damaged or destroyed structures built with less resilient methods and materials.

Lower first cost	Structural design flexibility	Lower cost of ownership
Fast-curing products lead to less occupant disruption	Competitive ICF installer market	Contributes LEED points for a more sustainable, energy-efficient structure
Reduced weather-related delays	Simplified wall assembly mitigates failure risk	Resilient/robust wall assembly for a more impact resistant structure that lasts longer and retains its value
Broad range of products to fit any project budget	Building code compliant throughout North America	Industry leading warranties all from a single point of contact



## Tremco CPG Residential Product Offerings

<b>Weather Resistive Barrier</b>	<ul style="list-style-type: none"> <li>Enviro-Dri®</li> </ul>
<b>Waterproofing Solutions</b>	<ul style="list-style-type: none"> <li>TREMPRO™ 160</li> <li>TREMDrain® DPI Board</li> <li>TREMPRO 540 (formerly Nudura Waterproofing Membrane)</li> <li>TREMprime® ICF (formerly Nudura Membrane Primer)</li> <li>TREMCO® 2450 Protection Board</li> </ul>
<b>Flashing Solutions</b>	<ul style="list-style-type: none"> <li>Enviro-Dri Pan and Arch</li> <li>Enviro-Dri Counter Flashing</li> <li>Dymonic® 100</li> <li>ExoAir® 110AT</li> <li>Enviro-Dri Window &amp; Door</li> </ul>
<b>Flooring Insulation Solutions</b>	<ul style="list-style-type: none"> <li>HYDROFOAM®</li> <li>THERMOFOAM®</li> </ul>
<b>Cladding Solutions</b>	<ul style="list-style-type: none"> <li>Horizon®</li> <li>NUBASE®</li> </ul>
<b>Structural Solutions</b>	<ul style="list-style-type: none"> <li>Nudura ICF Series of Forms</li> </ul>

## One Building Envelope. One Warranty.

\*All products shown are for use in residential applications. Some restrictions may apply.  
Please contact your local sales representative for more information on full system capabilities and compatibility.

Tremco Construction Products Group (CPG) brings together Tremco Incorporated's Commercial Sealants & Waterproofing and Roofing & Building Maintenance operating divisions; Dryvit Systems, Inc.; Nudura Inc.; Willseal; Weatherproofing Technologies, Inc. and Weatherproofing Technologies Canada, Inc.

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Product	Code Evaluations	Testing	Online Resources	Highlights
Nudura	ICC-ES CAN/ULC S717.1 Intertek SPEC ID 29103	ASTM C578 ASTM E2634 UL-930/931	Training link AIA link Estimator link	R23.59 204 hour fire-rating STC 50+

TREMPRO

WatchDog

TUFF-N-DRI

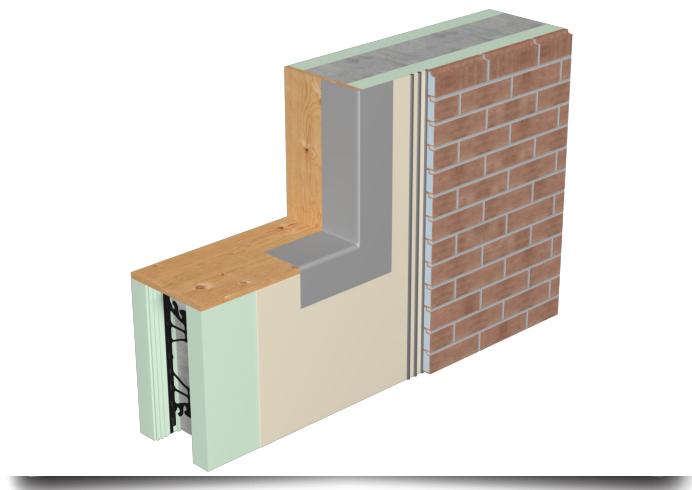
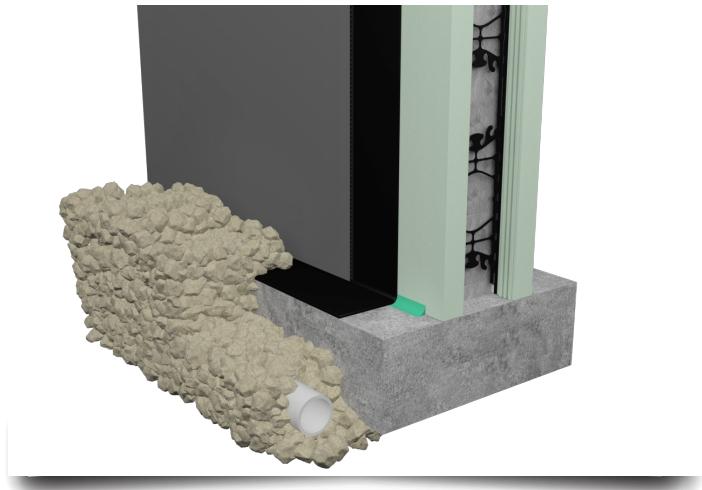
Enviro-Dri

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