



**SOLUTIONS FOR WATERPROOFING,  
ROOFING & SEALANTS**

**Tremco Construction Products Group (CPG) India is a market leader in the manufacturing of seamless industrial and commercial resin flooring solutions, waterproofing systems, roofing with insulation, systems for joints & durable sealants, admixtures, repair products, fibres as well as other specialist construction products & coatings.**

Tremco CPG India headquartered in Chennai serves expanding business opportunities across the Indian sub-continent's construction chemical Industry. Tremco CPG India belongs to an wider global Tremco Construction Products Group company (an RPM Inc. division) headquartered in Cleveland, Ohio (USA).

RPM International Inc. (\$5.6 Billion) an conglomerate with subsidiaries that manufacture and market high-performance specialty coatings, sealants and building materials.

**156** Manufacturing  
facilities in **26** countries

Sales in **170** countries  
& Listed in NYSE

**175** acquisition in  
30 years



Tremco Construction Products group is a powerful union of some of the world's most trusted & leading chemical and coatings technology brands owned by RPM Inc. The complementary technologies and geographies of the businesses ensure that clients, wherever they are located, have access to its comprehensive product portfolio.

With key clients across the country - including Mumbai International Airport, Lodha, Delhi International Airport, L&T, Royal Enfield, AIA, Nanded, Ruparel, Hiranandani, B L Kashyap, CPWD, GVK, Panchshil, Infosys, Leela Palace, Wrigley's & Shapoorji - Tremco CPG India remains a highly respected & innovative manufacturer in the Indian construction chemical industry.

**Transforming the Built environment into the high performance environment**

**CERTIFICATIONS & ACCREDITATIONS**










# Our Brand Portfolio

## Our Brand Portfolio

From admixtures, fibres, flooring to roofing & glazing our brand portfolio is as diverse as it is ever evolving. The strength and diversity of each brand – whether international or regional in scope – enable the group to meet all the needs of construction Industry.



Construction Products Group

 OPAM BELGIUM VANDEX GROUP			 EUCLID CHEMICAL		 Smart Protection	
WATER PROOFING	GLAZING	FLOORING	CONSTRUCTION PRODUCTS & ADMIXTURES	EXPANSION JOINTS & TRANSITION SEALANTS	FIRE PROTECTION	EXTERIOR FACADE INSULATION
Bridge Deck	Silicone Sealants	Epoxy	Fibers	Pre-compressed	Intumescent Coatings	Adhesives
Roofing	EPDM Membranes	Polyurethane	Grouts	Acrylic	Collars	Air/Water/Vapour barrier
Podium	Structural Spacer Tapes	MMA	Sealants	Impregnated foams	Wraps & sleeves	Coatings
Roof Restoration	Other Accessories	Epoxy Terrazo	Repairs & Repairs & Rehabilitation	Preformed extrusions closed cell foams	Curtains	Textured finishes
Sealant & Expansion Joints		Densifier	Ligno based	Monolithic polyurethane methacrylate	Pillows & Bath foams	Continuous insulation
Below Ground		Floor hardener	SNF & SMF based	Gun-grade foam	Intumescent strips	
Water Retaining Structures			PCE based		Primers & Sealants	

## TREMCO CPG - OUR EXPERTISE. YOUR SUCCESS



Specification, technical detailing & On site support.



100 years of Trust & Expertise in building material Industry.



Single point of contact for protecting all six sides of building envelope; Foundation to Roof.



Waterproofing solutions for new construction, roof restoration & repairs.



Wide network of trained contractors & applicators for all solutions.



New generation materials & methods to overcome limitations of conventional waterproofing / roofing system.



ISO Certified Manufacturing.



Successfully installed across various projects globally and locally.



Technology solutions which enable Energy Savings, LEED Certified, very Low VOC, Quick return to service.



Global R&D and technology development accredited & certified by leading industrial bodies.

# Waterproofing Solutions Portfolio

## Our Waterproofing Solutions

Tremco CPG India offers an range of waterproofing solutions catering from Below grade to Roof waterproofing solutions from major brands. Our range of waterproofing portfolio comprises of products from various global leaders including Tremco, Vandex, Euclid chemical, USL Group (an RPM Inc organization).



### 90 years into Building envelope weatherproofing & protection

- Cold fluid applied coatings & membrane
- Pre-formed sheet membrane
- Construction joint Sealants
- Drainage Membranes

### Inventor of Crystalline Waterproofing technology globally

- Crystalline Slurry Applied & Additive
- Advanced Polymer Plasters
- Joint & Tapes



EUCLID CHEMICAL

### Market leader for over 100 years

- Cement Polymer
- Cementitious liquid applied coating
- Joint Sealants

### 70 years expertise

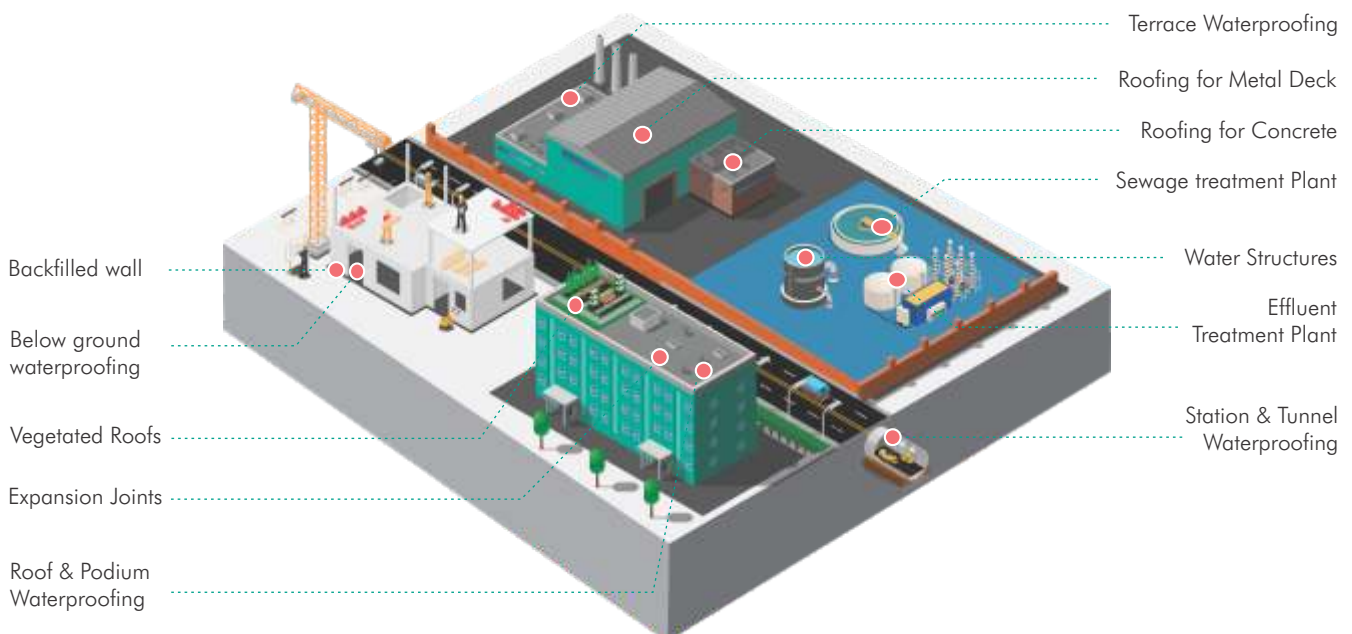
- Polyurethane Waterproofing
- Sealant technology



## Our Technology

Cold-fluid Applied System, Pre-formed membranes : HDPE, EPDM, SBS, TPO. Drainage & Protection Boards. Spray & liquid applied systems as Single, plural component moisture cured polyurethane, PUMA, Pure Polyurea, Polyurethane systems. Sealants as Polyurethane, Pre-compressed seals, Silicone, Hybrid etc.

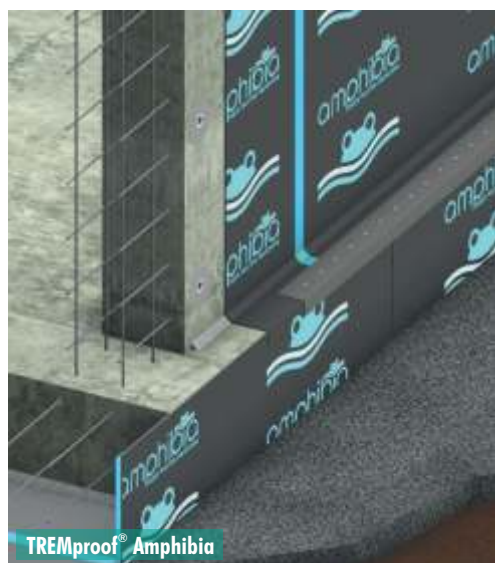
## TYPICAL APPLICATIONS





# Below-Grade Waterproofing

Range of high performance membranes for most challenging construction conditions.

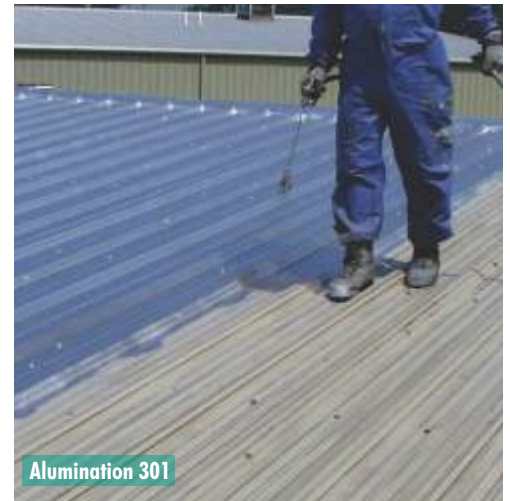


Product	Description	Typical Uses
<b>Sub-Structure / Below Ground Waterproofing with Pre-Formed Membrane</b>		
<b>TREMproof® 3700HD</b> [1.5mm X 20m X 1m]	Fully bonded, Pre-applied HDPE membrane for waterproofing of foundation, available in different thickness & length. IS 16471 Complaint	Foundation, Raft, Slab, footings, single shutter Retaining Walls, Diaphragm Walls
<b>TREMproof® 3300 HD IN</b> [1.6mm X 15m X 1m]	Fully bonded, post applied SBS modified bituminous membrane with cross HDPE lamination & PE reinforcement, IS 16471 Complaint	Foundation, Footings, Back fill Retaining walls, Roofs, Deck, Plazas, Podiums
<b>TREMproof® Amphibia</b> [1.6mm X 1.8m X 20m]	Innovative sheet applied EPDM based Waterproofing membrane which is Self-healing, Self-sealing, fully bonded to concrete. BBA Approved, EN : 13967, IS : 16471 Complaint	Foundation, Raft, Slab, Pits, Sumps, Footings, Double Side shutter walls, Diaphragm Wall, Restoration of Old Foundation, Pits & Sumps
<b>Paraseal®</b>	HDPE / bentonite dual waterproofing system for below ground waterproofing	Foundation, Raft, Slab, Footings, Double Site shutter walls, Diaphragm Wall
<b>TREMDrain® Series</b>	Multi-composite drainage and protection board with filter fabric and drainage core	Foundation, Retaining Walls, Vegetated built up, roofs
<b>TREMproof® Protection Board</b>	Semi-flexible protection	Protection board for Below & Above ground Waterproofing, roofing, podium before backfill or heavy concrete

<b>Cold Fluid-Applied waterproofing System</b>		
<b>TREMproof® 201/60</b> <b>18.9 L</b>	Single component, fluid-applied, high solids, high elongation & crack bridging, COAL-TAR free Polyurethane Waterproofing membrane. Root Resistant	Podium, Roof, Plazas, Vegetated planters, Foundation Walls, Back-filled walls, Balcony, Wet Areas
<b>TREMproof® 250GC (R, SL, T)</b> <b>18.9 L</b>	Single component, fluid-applied, high solids, moisture tolerant, COAL-TAR free Polyurethane Waterproofing membrane, does not require any mixing. Applicable to 1 day Concrete (Green Concrete).	Podium, Roof, Plazas, Vegetated planters, Foundation Walls, Back-filled Retaining walls. Balcony, Wet Areas
<b>Tammsflex WP</b> <b>13 kg</b>	Single component, fluid-applied, Urethane Acrylic water based Waterproofing coating for UV Exposed & concealed application with Tammsflex WP primer	Roofs, Plaza, Balcony, Podium
<b>Tammscoat WP</b> <b>25 kg</b>	Single component, pigmented, anti fungal, waterproofing elastomeric exterior coating for UV exposed application	Exterior surfaces as concrete, masonry.
<b>Vulkem® 350NF Undertile (R, SL)</b> <b>18.9 L</b>	A single-component, low-odor, low-VOC polyurethane coating that possesses tenacious adhesion primarily to clean, dry concrete. Elongation > 600 %	Podium, Roof, Plazas, Vegetated planters, Balcony, Wet Areas, Undertile and as base coat for Vulkem coating system
<b>Vulkem® 350NF/346/346</b> <b>18.9 L</b>	A modified polyurethane traffic deck coating system designed to have waterproofing & impact resistance.	Exposed Pedestrian/ trafficable Deck / Roof for both new & old structures

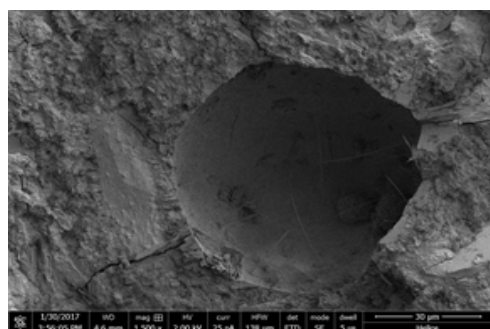
# Cold-fluid Applied Coatings

A series of coating systems for New construction & roof restoration for wide variety of substrates.

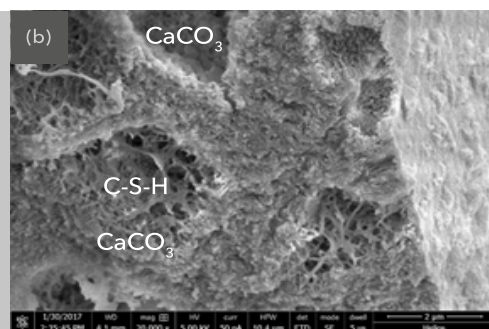
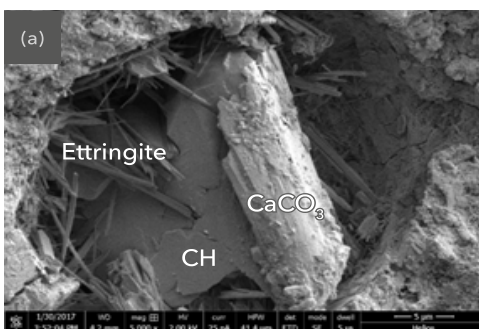


Product	Description	Typical Uses
<b>Cold Fluid-Applied waterproofing System</b>		
<b>AlphaGuard® PUMA™ (Repoma®)</b>	Unique PUMA technology for Liquid Roof Waterproofing, quick cure, high crack bridging & adhesion. BBA Approved roof coating	Balconies, Mechanical Rooms, Roof Terraces, Under Tile, New & old structures & Bitumen membrane, metal roof
<b>AlphaGuard® MT 18.9 L</b>	AlphaGuard® MT system is an one-part, moisture triggered, polyurethane roof coating. AlphaGuard® MT comprises a Base Coat & TopCoat, suitable primer, used with reinforcement fabric. >5000 Hrs UV Stability, FM & UL Approved, High SRI	New & old concrete roofs, Aged or new asphalt substrate, old single ply membrane, IRMA, Built Up Roofing System
<b>AlphaGuard® Bio</b>	AlphaGuard® BIO system is a two component, odorless, Low VOC, chemically cured, polyurethane roof waterproofing system distinguished by its high bio-based content. AlphaGuard® BIO comprises Base Coat & Top Coat, suitable primer reinforced with fiberglass mat or polyester fabric. FM & UL Approved, High SRI	New & old concrete roofs, roof restotation for Bitumen, Single ply and Vegetative roof assemblies, IRMA, Areas where odor or VOC high standards are needed - Schools, Offices, Hospitals, Medical.
<b>Alumination 301® 18.9 L</b>	Premium reflective Fibred aluminium coating	Rustproofing and weatherproofing metal roofs and modified bitumen roof systems
<b>Solargard 6083 18.9 L</b>	Solargard® 6083 is an acrylic elastomeric coating for waterproofing and weather proofing of various roof surfaces. Available in white, standard, and custom colors. High SRI	Waterproofing & weatherproof concrete, metal, weathered single ply membrane, as well as smooth surface bitumen membranes
<b>Permafab</b>	Polyester Fabric	Used in Conjunction with Solargard, AlphaGuard®
<b>AlphaGuard® Glass Mat</b>	A highly conformable Glass Mat, rapid wetting chopped strand mat	Used in Conjunction with AlphaGuard® system





SEM images of an open pore in plan cement paste without any crystalline waterproofing treatment



SEM images of void spaces blocked by crystals in cement paste samples treated by (a) VANDEX AM 10 and (b) VANDEX SUPER



Fine Spray Application



Trowel Application



Brush Application

**Cementitious Vandex materials can efficiently and safely be applied in various ways: Trowel, Brush, Fine Spray, Dry Shake**

Product	Description	Typical Uses
<b>Vandex Waterproofing Systems</b>		
<b>Vandex® Super 25 kg</b>	Crystalline Waterproofing Coating for positive & negative side waterproofing, BBA Approved, Potable Water approved. WRAS, NSF	New & repair waterproofing for WTP, Swimming Pools, Foundations, Walls, Water structures, Tunnels
<b>Vandex® BB 75 25 kg</b>	Cement based waterproofing slurry for active & passive water pressure, BBA Approved Waterproofing system, Potable Water approved, WRAS, NSF	Concrete and masonry structures, foundation, wall, retaining wall, water structure
<b>Vandex® BB white 25 kg</b>	Cement based white waterproofing slurry for active & passive water pressure	Concrete and masonry structures, foundation, wall, retaining wall, water structure
<b>Vandex® Cemelast 5 kg</b>	Elasticized waterproofing coating	Structural Slabs, Swimming Pools, Foundation & basement, Reservoirs, Spillways, Culverts, Manholes, Dead Walls
<b>Vandex® construction joint tape</b>	Waterproof tape for construction joint and cracks along with other Vandex cement based coatings	Concrete and masonry structures, foundation, wall, retaining wall, water structure
<b>Vandex® AM10 20 kg</b>	High performance, Crystalline waterproofing admixture, permanent system supplied as dry powder	Waster & Drinking water structures, tunnels, subways, foundations and basements, parking structures, pre-cast concrete, dams and reservoirs, marine structures, man holes
<b>Vandex® UniMortar 1 25 kg</b>	Waterproofing & Repairing mortar for horizontal & vertical surfaces	Structural Slabs, Swimming Pools, Foundation & basement, Reservoirs, Spillways, Culverts, Manholes
<b>Vandex® OS-5</b>	2-component flexible, crack bridging polymer modified waterproofing & surface protection coating complying to DIN 18533	Civil Engineering structures, foundations, below ground structures, structures under hydrostatic pressure, rainwater retention structure
<b>Vandex® Expaseal W</b>	Hydros swelling Expanding, delayed swell, Sea water contact compatible hydrostatic pressure resistant Waterstop for construction joints, able to take several wet dry cycles	Joint in concrete structure, Foundations, Raft, Slab, Retaining Walls, Water Structure, STP, Tidal construction
<b>Vandex® Flextape</b>	High performance TPE sealing tape for movement & construction joint, approved for drinking water	Joints in concrete structures, Foundations, Walls, Roofs, Water structures

# Spray Membranes & Linings

Series of high-performance, durable & proven spray coatings & membranes.



Blueshield PmB



TREMPROOF® Micorea S3



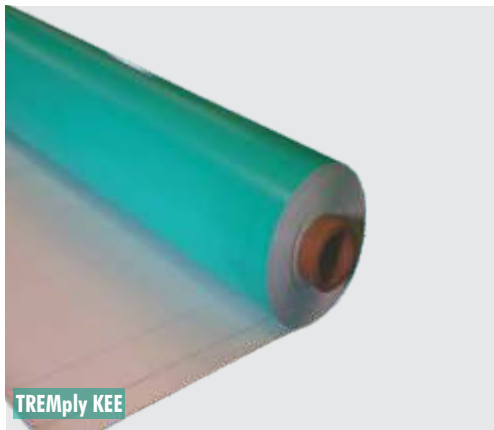
Dural Aqua Dam

Product	Description	Typical Uses
<b>Spray Applied High Performance waterproof Coatings</b>		
<b>BlueShield® PmB</b>	High Performance, long proven international track record, Blue Pigmented, two part BBA approved Roofing & Tanking certified Polyurethane Elastomer coating, Excellent Crack Bridging properties, Root Resistant	Podium, Roof, Water structures, Tunnels, Basement Retaining wall, Foundation, Concrete, metal, steel, other substrate
<b>TREMPROOF® Micorea® S3</b>	Pure Polyurea waterproofing coating complying to ETAG, two part system applied by heated, high pressure plural component equipment over primed substrate, Root Resistant	Podium, Roof, Water & Waste Water structures, Tunnels, Basements, Foundation, Concrete & Steel structures
<b>Cementitious Polymer Waterproofing</b>		
<b>Tamoseal 21 kg</b>	Cement based waterproofing coating	Concrete and masonry structures, Water tanks, Balconies, reservoirs, Wet Areas, Swimming pools
<b>Tamoseal Flex - IN 21 kg</b>	Cement based flexible waterproofing coating	Concrete and masonry structures, Water tanks, Balconies, reservoirs, Wet Areas, Swimming pools
<b>TREMPROOF® FCW 21 kg</b>	Flexible, cement based waterproofing coating, >150% Elongation	Concrete and masonry structures, Water tanks, Balconies, reservoirs, Wet Areas, Swimming pools
<b>Speed Plug 5 kg, 25 kg</b>	Rapid Setting Hydraulic Cement	Plugging of water into concrete, masonry structures
<b>Cement Mortar Additives &amp; Admixture</b>		
<b>Akkro 7T</b>	Liquid bonding admixture additive complies with ASTM C1059, Type II	Cement based coatings, mortars, repairing & patching, toppings
<b>Integral Water peller</b>	Water repellent admixture for concrete and mortar	Mass Concrete, Foundations, cement stucco, floors, Renders, Mortars & Plasters
<b>SBR Latex</b>	Bonding admixture additive complies with ASTM C 1059-86, Type II	General reconstruction work / latex modified overlays, toppings, repairs, leveling concrete surfaces
<b>Injection Grouting / Leaksealing Systems</b>		
<b>Dural Aqua Dam - IN</b>	Hydrophobic Polyurethane foaming grout	Leak sealing / water stopping of gushing water from concrete structures. Foundation, Manholes, Pipes, Water retaining structures, Deep UG Structures
<b>Dural Aqua Fill-IN</b>	Hydrophilic polyurethane grout for fine cracks and fissures	Leak sealing in Concrete structures below ground & above ground
<b>TREMPROOF® Acrylate Gel</b>	Acrylate Gel, low viscosity, 4 component, Part A Resin, Part B Catalyst, Initiator and Accelerator	Leak Sealing of ultrafine cracks in concrete structures, also used part of Re-injectable hose system
<b>TREMPROOF® Multi-Injectable Hose</b>	Multi Injectable hose	Concrete Structures in Nuclear Power Plant, Tunnels, Metro Stations, Underground Structures, Diaphragm Walls



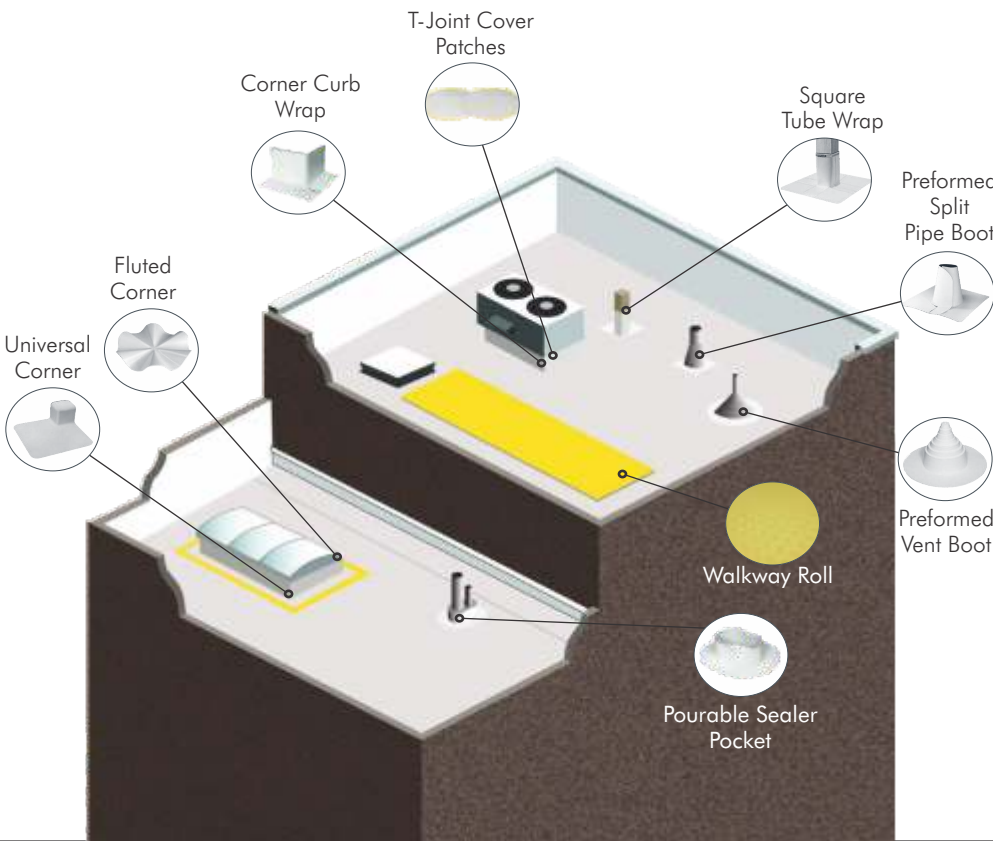
# Roofing

TREMPly line of roof membranes delivering high performance built up roofing system.



Product	Description	Typical Uses
<b>Pre-formed Sheet membrane for Roofing</b>		
<b>TREMPly® TPO 1.2, 1.5, 2 mm</b>	TPO Roof Membrane is white single ply roof membrane comprised of an elastomeric thermoplastic polyolefin, reinforced with a high strength, wick resistant polyester fabric. TPO Roof Membrane is asbestos free. It shall be FM approved	Roof waterproofing for Metal, Concrete, composite decks
<b>TREMPly® TPO FB 1.2mm, 1.5, 2 mm</b>	TPO FB Roof Membrane is white single ply roof membrane reinforced with a high strength, wick resistant polyester fabric and backed with a wick resistant non-woven polyester 120 grams fleece. TPO FB Roof Membrane is asbestos free. It shall be FM approved.	Roof waterproofing for Metal, Concrete, composite decks
<b>TPO LV Adhesive</b>	TPO LV Single Ply Bonding Adhesive is a low voe asbestos free solvent based contact-type bonding adhesive. Used for TPO only	To support fully bonded TPO application
<b>TREMPly® KEE</b>	TremPly® KEE and KEE FB (Fleeceback) Systems not only meet or exceed the minimum physical property requirements enumerated in ASTM D6754-15 Standard Specification for Ketone Ethylene Ester (KEE) based sheet roofing, but exceed the physical properties and performance characteristics. It Shall be FM approved.	Roof waterproofing for Metal, Concrete, composite decks
<b>TREMPly® Accessories</b>	TREMCO offer Fully range of Accessories & system which are needed to design a complete roofing system such as fastners, boards, Insulations, detailing elements for different situations	Roof waterproofing for Metal, Concrete, composite decks

## FULL LINE OF TREMPly TPO ACCESSORIES DESIGNED TO SAVE ACROSS THE BOARD



# Sealants

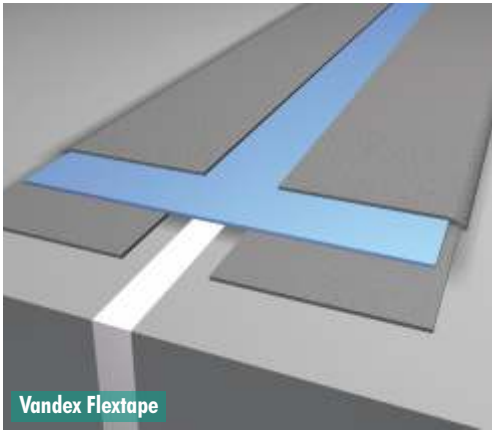
Single & multi-component sealants for horizontal, vertical applications.



Dymonic 100



TREMflex 50



Vandex Flextape

Product	Description	Typical Uses
Expansion Jointing System & Sealants		
Dymonic 100 600 ml	Single-component, moisture tolerant, polyurethane sealant. Movement capability + 100/-50% Elongation 800-900% Hardness 40±5	Precast concrete panel joints, Perimeter caulking, Aluminum, masonry and vinyl siding, Detailing under ExoAir, Paraseal, TREMproof, Vulkem coatings and membranes
Eucolastic 1 NS 600 ml	General purpose single-component, polyurethane sealant. ASTM C-920 Type S, Grade NS, Class 35	Precast concrete Panel Joints, perimeter caulking, aluminium, masonry, Vinly siding and detailing for TREMproof coatings and Membranes
TREMflex 50 600 ml	A low modulus joint sealant for general purpose application.	Precast concrete Panel Joints, perimeter caulking, aluminium, masonry, Vinly siding and detailing for TREMproof coatings and Membranes
Tammsflex SL / NS	Two-part Polysulphide Joints Sealant	Water Structures, Petrol Stations, foundation, reservoir, exposed RCC structures
Vulkem® 202 18.9 L	Jet Fuel resistance Polyurethane Sealant for Airfields BS5212: 1990 Types N, F & FB and US. Fed Spec. SS-S-200E:1993.	Airports, Runways, Taxiways, PQC Roads, Pavements, Fuel Stations Areas with Fuel spillage
Dural 340 SL-IN 5 kg	Construction & control joint filler & traffic loop sealant USDA compliant	Concrete Joints indoors, Airport Lighting joints, Food, Beverages, Meat processing Industry, Engineering facilities
Uniseal® 200/90 5 L / 10 L	Jet Fuel resistance Polyurethane Sealant for Airfields BS5212: 1990 Types N, F & FB and US. Fed Spec. SS-S-200E:1993. BS EN 14188-2.	Airports, Runways, Taxiways, PQC Roads, Pavements, Fuel Stations Areas with Fuel spillage

## ACCESSORIES



TREMdrain Series



Vandex Construction Joint Tape



Vandex Expaseal W



Vandex Adhesive



# Tremco Construction Products Group, India



## Concrete Admixtures

Admixtures that are added to concrete during mixing in order to increase the productivity and improve longevity of concrete.



## Fiber Reinforcement

Concrete reinforcing fibers designed to control plastic shrinkage cracks, replacing steel in concrete.



## Bonding Agents

Adhesives and bonding agents in low and high modulus versions with varied viscosities to ensure proper bonding.



## Cure & Seal

Curing compounds and high performance cure & seal products for a wide range of applications.



## Concrete Repair

A range of repair products including patch repair, form & pour and resurfacing & smoothing solutions.



## Mining & Tunneling

Pre-cast segments, cast-in-place concrete, and shotcrete products designed for underground construction.



## Grouts & Joint Fillers

Grouts to provide essential bearing and support for and joint fillers to prevent the break down of joint edges.



## Decorative Concrete

Stamped or stained concrete solutions designed to replicate the natural patterns and textures found in nature.



## Industrial Flooring

A wide range of resin flooring solutions to meet the requirements of industrial manufacturing facilities.



## Commercial Flooring

A wide range of resin flooring solutions to meet the needs of commercial venues and institutional facilities.



## Deck Membranes

A range of car park coatings that enhance visual appearance while preventing water ingress into any car parking structure.



## Levelling Compounds

A variety of heavy-duty, self-smoothing, fast drying surface underlayment, surface treatments and DPMs.



## Roofing

A range of roof coating solutions to cater extreme weather and has numerous refurbishment options



## Waterproofing

Coatings, crystalline treatments, and chemical grouts to prevent the passing of water through concrete surfaces.



## Glazing

Close to 20,000 gasket profiles are available along with structural silicone sealants, glazing tapes weather sealants and other ancillary products



## External insulation

Exterior Cladding, Energy Efficiency, Continuous Insulation, Air and Weather Barriers, Pannelization, Brick Veneer, and Exterior Cladding Renovation





Construction Products Group

### Tremco CPG (India) Private Limited

(formerly known as "Flowcrete India Private Limited")

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