

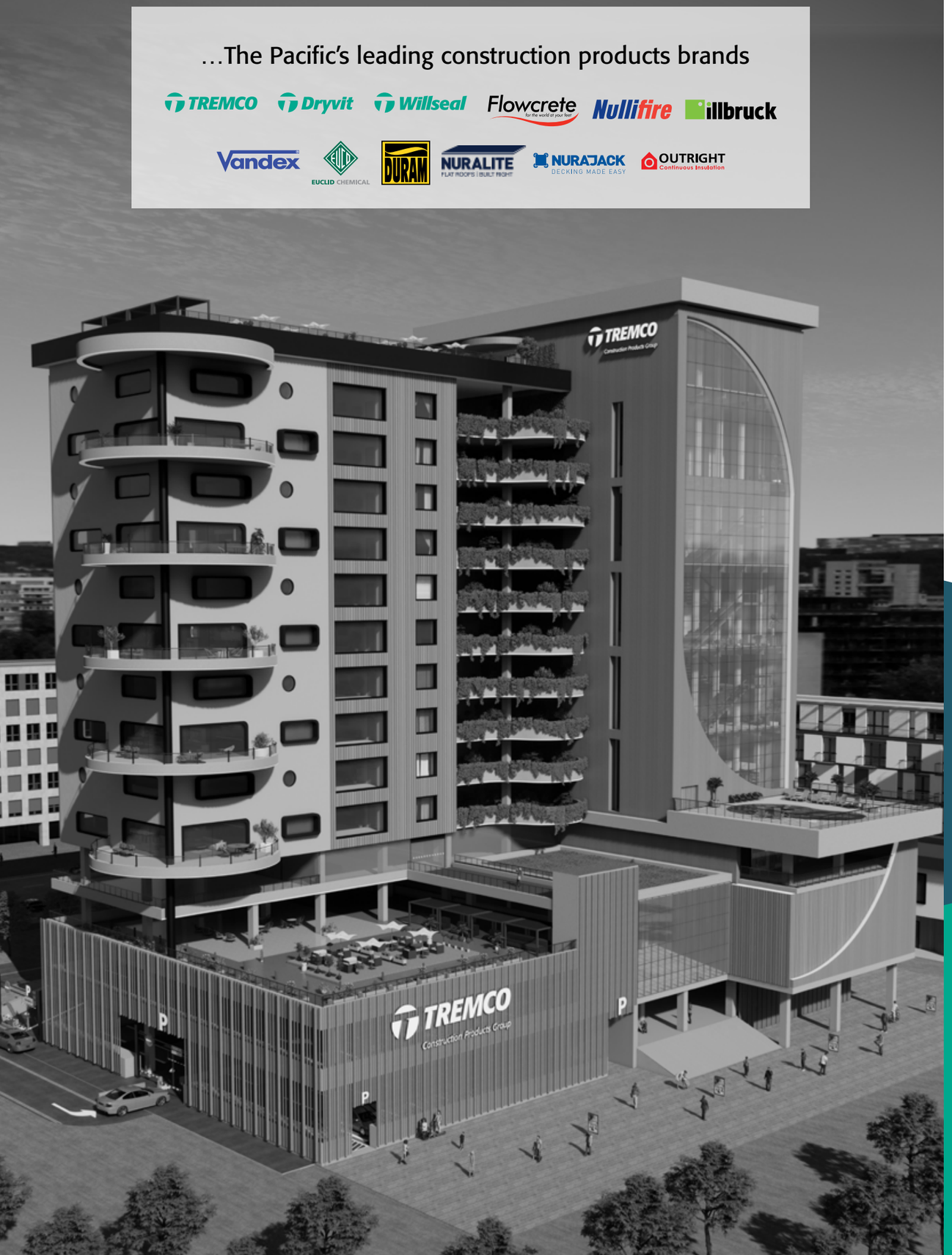
CONCRETE CURING SOLUTIONS

Introducing the Tremco CPG range of curing compounds



TREMCO

Construction Products Group



INTRODUCING TREMCO CONSTRUCTION PRODUCTS GROUP

TREMCO
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A world leading supplier of building envelope solutions

At Tremco Construction Products Group (CPG), we understand that true success in construction goes beyond using the right products. It is about combining skill, knowledge, and expertise to apply those products in the most effective way possible.

Innovation That Shapes the Future
We are dedicated to driving the construction industry forward with innovative solutions and sustainable approaches. Our extensive range of high-performance products provides the tools you need to create structures that are not only easier to build and maintain but also withstand the toughest challenges.

A Comprehensive Suite of Solutions
From joint sealing, façade bonding, and insulation to passive fire protection, performance resin flooring, waterproofing, and roofing solutions, our broad product portfolio enables us to address even the most complex construction challenges.

Why Partner with Tremco CPG?
Our expertise spans a wide variety of advanced product technologies, designed to help you engineer buildings that are:

- More efficient to construct and maintain.
- Resilient against extreme weather conditions.
- Versatile with customizable finishes to meet aesthetic and functional needs.

Trusted Brands, Proven Results
With industry-leading brands like Tremco, Dryvit, Willseal, Flowcrete, illbruck, Nullifire, Vandex, and Euclid Chemical, we're proud to deliver solutions you can trust. Join architects, contractors, developers, and tradespeople around the world in choosing Tremco CPG as your partner to tackle the challenges of modern construction. Together, we'll shape a more sustainable and innovative built environment.

>> For more information, visit **www.tremco.com.au**

Why Tremco CPG?

Faster Construction Time
Lightweight, fast-curing and prefabricated products mean less occupant disruption, faster return to service, less revenue lost, and no call-backs.

Technical Support
Our dedicated team of industry professionals is there to support you every step of the way, with onsite visits, Technical Support and advice.

Cost Effective
A broad range of options that fit any budget – but also help you keep an eye on the future to ensure cost-effective ownership, operation and maintenance.

One Point of Contact
Products are tested for compatibility and backed by system warranties – all through a single point of contact, with a single point of responsibility.

Any Look You Want
A wide range of colours and finishes for floors, walls, façades and roofs to provide almost unlimited design potential for your building project.

Impervious to Weather
Products designed for maximum protection from the elements, including above and below ground-level solutions to prevent the ingress of water.

Better Insulated
Industry leading brands that provide solutions for more efficient building construction and operation, and exceeding strict energy codes for insulation.

Leading Edge Sustainability
Construction solutions that meet green building standards, enhancing building efficiency and conscious of the environment that surrounds us.

CURING CONCRETE SURFACES

WHAT IS CURING?

Curing has a strong influence on properties of hardened concrete such as durability, strength, watertightness, wear resistance, volume stability and resistance to freezing and thawing.

When Portland cement is mixed with water, a chemical reaction called hydration takes place. The extent to which this reaction is completed determines the strength, durability and density of the concrete. Most fresh concrete contains considerably more than enough water for completed hydration of the cement; however any appreciable loss of water by evaporation or otherwise will delay or prevent completed hydration.

Since hydration is relatively rapid the first few days after fresh concrete is placed, it is important for the water to be retained during this period, that is, for evaporation to be prevented or at least reduced.

WHY CURE CONCRETE?

The objects of curing are:

- To prevent the loss of moisture
- To control the concrete temperature for a definite time

With proper curing, the concrete will become stronger and more resistant to stress, abrasion and frost. The improvement is rapid at early ages but continues more slowly for an indefinite period. When moist curing is interrupted, the development of strength continues for a short period and then topes. However, as moist curing is resumed, strength development will be reactivated. Loss of water will also cause the concrete to shrink, thus creating tensile stresses at the drying surface. If these stresses develop before the concrete has attained adequate tensile strength, surface cracking can result. Exposed surfaces, including exposed edges and joints, must be protected against moisture evaporation.

CURING CONCRETE SURFACES

WHAT IS A CURING COMPOUND SOLUTION

Evencure liquid impermeable-membrane curing compounds are “apply and forget” systems that effectively, efficiently and economically replace labour intensive curing systems such as wet hessian, polythene or ponded water. These latter systems whilst effective if utilised properly, require constant maintenance because they are very easily disrupted by atmospheric conditions such as winds or high temperatures. Evenrange can supply the curing compound most suited to your needs whether it be water based, solvent based, bituminous and chlorinated rubber.

ADVANTAGES OF USING A CURING COMPOUND SOLUTION

It permits early curing as they can be applied within about half an hour of casting after the bleeding water has evaporated and the glossy shine or brightness of water has disappeared. They are applied in a single operation and one can note that the entire area is covered. Benefits include;

- **Ease of Application:** Apply our compounds quickly and evenly using industrial sprayers or rollers, right after finishing the concrete.
- **Cost-Effectiveness:** Our curing solutions dramatically cut labour time and expense. No need to monitor or maintain surface moisture for days; one application does the job.
- **Improved Concrete Performance:** Evenrange compounds create a uniform seal, eliminating patchy drying and ensuring complete, even hydration for superior appearance and strength.





CONCRETE CURING PRODUCT RANGE

Product	Description	Suitability	Packaging	
Evencure XDS-NXGEN	A hydrocarbon resin blend cure blended with hardeners and densifiers to create the highest performance curing compound currently available on the Australian market.	Suitable for curing all freshly laid concrete either smooth or textured, indoors or outdoors.	20L 200L 1000L	
Evencure AC	A acrylic modified emulsion used as a curing membrane on freshly poured concrete. Meets AS3799 requirements and exhibits excellent durability as a concrete sealer.	Suitable for curing all freshly laid concrete either smooth or textured, indoors or outdoors.	20L 200L 1000L	
Evencure BCP	A blend of bitumen and hydrocarbon resins emulsified in water. The impervious film formed prevents excessive water evaporation, promotes efficient cement hydration, minimises shrinkage whilst increasing durability of the concrete.	Suitable for curing all freshly laid concrete either smooth or textured, indoors or outdoors*. *After 30-35 days the continuous film formed on the concrete surface will begin to degrade due to exposure to UV light. Evencure W30 can also be used as a debonding agent when applied to the concrete sub-base prior to pouring the concrete base. This allows the two layers to expand and contract differentially without producing cracking.	20L 200L 1000L	
Evencure W30	A low to medium viscosity wax-based, sprayable curing compound formulated to cure freshly laid concrete. Meets the requirements of AS3799 for moisture retention in liquid membrane curing compounds.	Suitable for curing all freshly laid concrete either smooth or textured, indoors or outdoors.	20L 200L 1000L	
Evencure AA	A low viscosity aliphatic alcohol blend in an aqueous solution.	Designed to be applied to freshly placed concrete surfaces, to reduce water evaporation during the critical “finishing” period of the concrete, particularly under adverse weather conditions such as high temperature, high winds and low humidity.	20L 200L 1000L	
Formrelease WB	A low viscosity reactive release for all types of formwork that reacts with the water from the concrete and produces a film of lime soap at the concrete/formwork interface enabling the formwork to be easily stripped for re-use.	Use in all types of concrete construction whether in-situ or precast concrete plants for achieving architectural off form concrete finishes with fewer defects.	20L 200L 1000L	
Evenrange X-Pose	A uniquely formulated liquid that retards the surface of the concrete, whilst allowing the subsurface to still harden.	Allows easy removal of the treated concrete while the subsurface concrete remains hard and limits the failure of the aggregate bond in the exposed concrete.	20L 200L 1000L	
Ecolease	A water based concrete release agent designed to work in a variety of applications.	Well suited to releasing concrete from timber or metal framework.	20L 200L 1000L	

>> For more information, visit **www.tremcocpg.com.au**

CONCRETE CURING PRODUCT RANGE

Product	Prime Use	Limitations	Meets AS3799	RMS Compliant	Curing Efficiency	Does It Cure & Seal	After Trade	Coverage	Water Based	Product Colour (wet form)
Evencure XDS-NXGEN	Warehouse / Open Areas / Roads Bridges	N/A	Yes √	Yes √	>90%	Cure √ Seal X	Will not take aftertrades	1lt/5m² as per 3799 requirements	Yes √	Milky White or Red
Evencure AC	Slabs Required After Trades	N/A	Yes √	Yes √	>90%	Cure √ Seal √	Some, test patch for adhesion	1lt/5m² as per 3799 requirements	Yes √	Milky White
Evencure BCP	Bitumen Overlay	Not a Tack Coat	Yes √	Yes √	>90%	Cure √ Seal X	Will not take aftertrades	1lt/5m² as per 3799 requirements	Yes √	Black
Evencure W30	Civil Roads & Bridges	No pedestrian traffic (wax)	Yes √	Yes √	>90%	Cure √ Seal X	Will not take aftertrades	1lt/5m² as per 3799 requirements	Yes √	Milky White
Evencure AA	Aliphatic Alcohol Finish Agent	Not a Curing Compound	N/A	Can be depending on the specification	N/A	N/A	N/A	Dilute 1-9 depending on conditions	Yes √	Green
Formrelease WB	Water Based Form Release Agent	N/A	N/A	N/A	N/A	N/A	N/A	Refer to TDS	Yes √	Red
Evenrange X-Pose	Surface Retardent	Refer to TDS	N/A	N/A	N/A	N/A	N/A	0.5-1.5 lt/m² depending on conditions	Yes √	Light Green
Ecolease	Water Based Form Release Agent	N/A	N/A	N/A	N/A	N/A	N/A	Refer to TDS	Yes √	Milky White

PLEASE NOTE: THIS IS A GUIDE ONLY

For more information, please refer the detailed product technical documentation.







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Our products and services empower teams to develop, design, restore and engineer structures that are more efficient to build and maintain, are virtually impervious to the elements and can provide any look desired.

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