

Nuralite Membrane Waterproofing



**New Zealand's
Membrane Waterproofing Leader**

Description

Top Quality & Performance

Nuraply thermoplastic polyolefin (TPO) is a top-quality roofing membrane. This single-ply TPO membrane is perfect for roofs and decks and can be used on a variety of substrates, new and existing buildings, and as part of Nuralite's Nuratherm warm roof system.

Formulated by Johns Manville, one of the world's largest and leading waterproofing manufacturers, Nuraply TPO is known for its durability and effectiveness. It offers excellent UV and puncture resistance and is heat-weldable, ensuring strong and watertight seams.

This versatile membrane is suitable for low-slope and pitched roofs, gutters, parapets, balconies, and under floating decks of both commercial and residential buildings.

Since its launch, Nuraply TPO has been installed on many homes and commercial buildings, consistently delivering an upmarket single-ply waterproofing solution that meets the highest standards.

Nuraply TPO has been tested by independent third parties, confirming it as a reliable and safe choice for collecting potable water.



Features

Your Best Choice

HISTORY OF USE

TPO membrane systems have an extensive history of use. First installed in the 1960s throughout USA and Canada and then introduced into New Zealand in 2004.

ADVANCED FORMULATION

Nuraply TPO membrane is engineered with an advanced polymer technology that enhances its overall performance and longevity. This cutting-edge formulation ensures the membrane can withstand various environmental challenges, such as extreme temperatures and harsh weather conditions.

HEAT-WELDED SEAMS

One of the standout features of Nuraply TPO is its heat-welded seam technology. This method involves using hot air to fuse the seams of the membrane, creating a robust and watertight bond.

Unlike traditional adhesives or tapes, heat-welded seams offer superior strength and durability, significantly reducing the risk of leaks and water infiltration, thereby extending the lifespan of the roofing system.

Nuraply TPO single part adhesive gives a high performance bond to Enertherm PIR, plywood, concrete, CLT and Standboard.

UV AND AGE RESISTANCE

Nuraply TPO offers outstanding resistance to ultraviolet (UV) radiation and punctures. An independent evaluation by BRANZ and CodeMark confirms that Nuraply TPO is well-suited for New Zealand's climatic conditions.

Nuraply TPO's light-coloured membrane provides a high Solar Reflectance Index (SRI) and reduces thermal gain to the building. This feature helps maintain a cooler indoor environment during hot seasons, enhancing energy efficiency and comfort.

WARRANTY

Nuralite warrants Nuraply TPO against material defects for 20 years from the date of installation.

The warranty must be applied for at the completion of the job. For this extended warranty to remain current, the customer must maintain the roof and have it inspected every five years by a qualified Nuralite applicator.

The workmanship is covered by a separate workmanship warranty issued by the applicator. Nuralite will inspect the completed job if requested.

Scope

Leading The Market

THINGS TO CONSIDER

The Nuraply TPO system should be installed in dry conditions. Nuraply TPO is used as a roofing and exterior deck membrane. When used as a deck membrane, it must be overlaid with timber or tile decking with Nurapads and Nurajacks supports.

HIGH-PERFORMING

Nuraply TPO is an extremely durable and effective membrane. Long-term weathering effects have been recorded over the life span on the TPO, with results showing excellent long-term heat and UV resistance making it suited to our environment.

WIDER AND LONGER ROLLS

Nuraply TPO is available in 3m wide and 30.5m long rolls. With longer and wider rolls, it ensures fewer seams than traditional single ply membranes.

Nuraply TPO can be installed at a range of falls including 1° on all substrates. Enquire with Nuralite to see what falls can be accommodated for your project.

ACCESSORIES

Nuraply TPO comes with its own specific accessories to accompany the membrane. This ensures that compatible components are used and the full system can be warranted.

INSTALLATION EASE

Nuraply TPO is suitable for both residential and commercial buildings. It is applied with adhesive, or loose laid with mechanical fixing, with the seam heat welded with a hot air gun.

The membrane is simple to lay and creates an aesthetically pleasing surface area with minimal laps. Nuraply TPO is easy to repair with the ability to patch over any damaged areas.

APPLICATORS

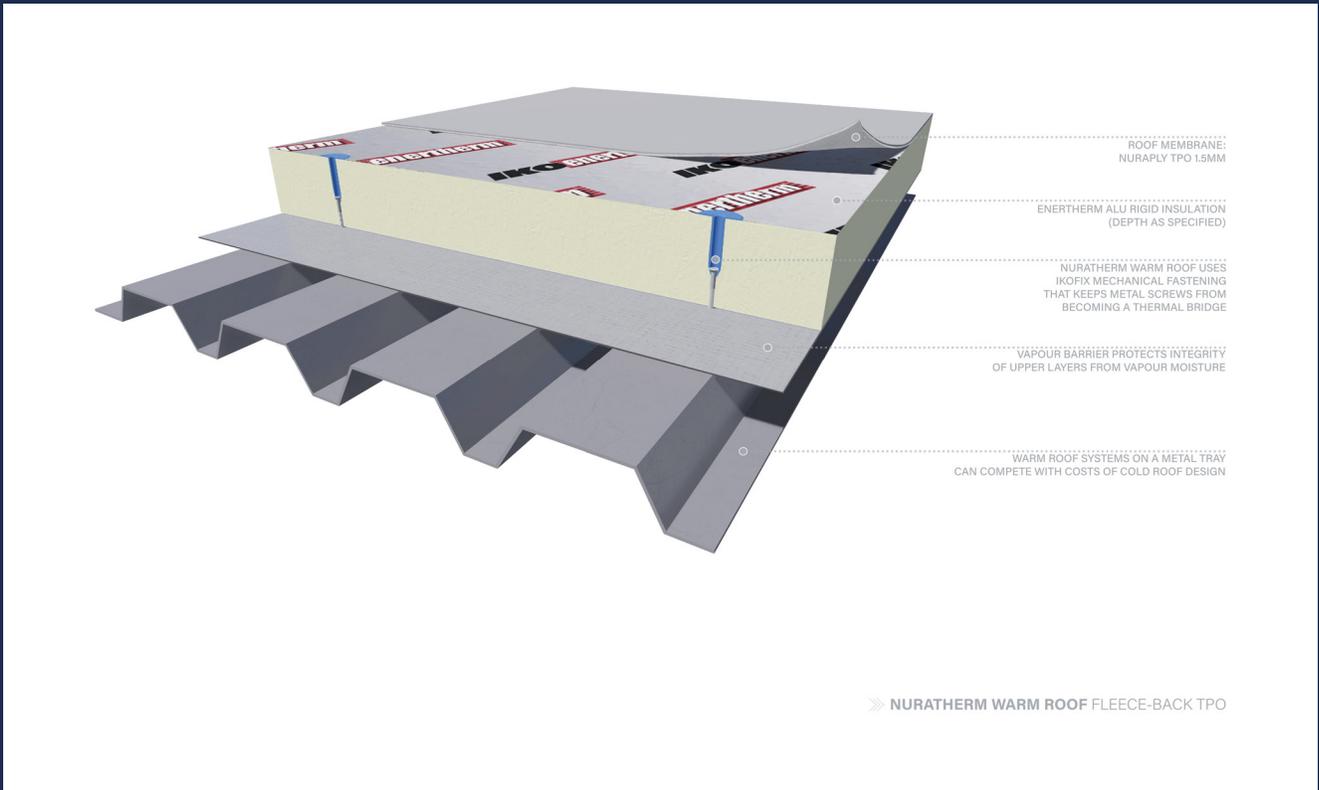
Nuraply TPO can only be installed by Nuralite approved applicators.

Most applicators have been working with our systems for many years. We work closely with applicators to ensure quality standards are maintained.



Technical Information

» Nuraply TPO render



TECHNICAL DETAILS

A comprehensive set of design details and specifications are available at www.nuralite.co.nz.

Nuralite technical advisors are all very experienced and willing to help either phone, in your office or on-site.

Call 09 579 2046 or use our LiveChat function on our website.

**Leveraging almost 60 years of expertise
in waterproofing solutions.**



Get in touch

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