

**NUTEK**

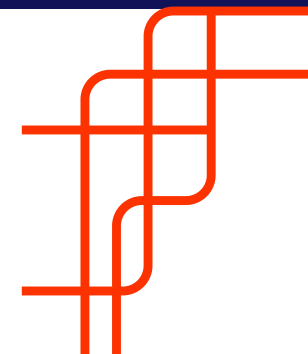
An ISO 9001 & ICV Certified Company

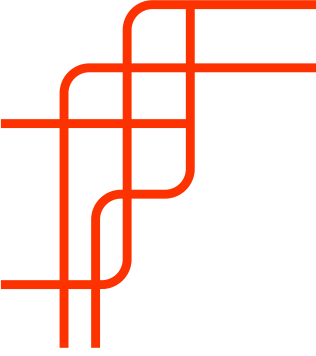
# NUTEK WATERPROOFING SOLUTIONS



# WATERPROOFING ENGINEERING SERVICE

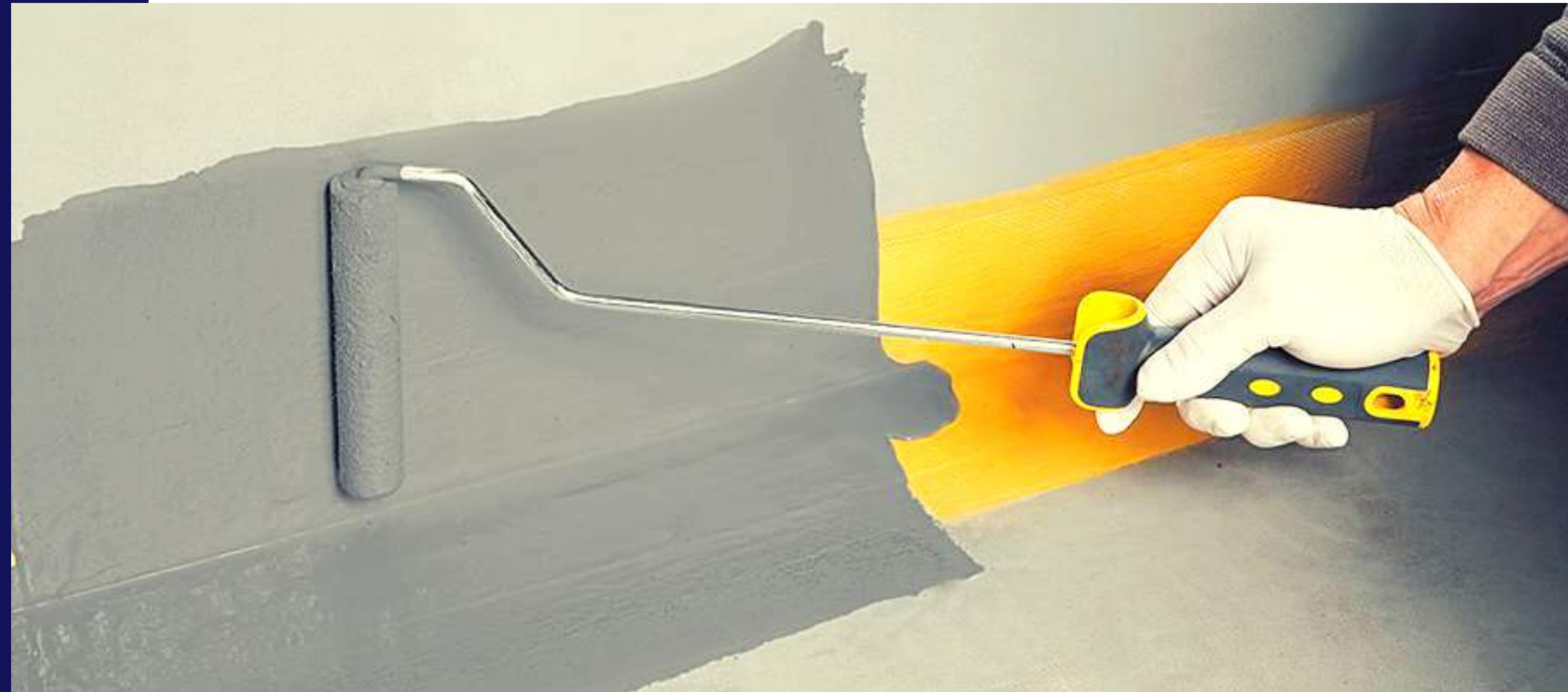
Waterproofing Engineering Service can and does offer this service as part of the total roofing and waterproofing package for our clients. Our service covers all technical aspects of construction weatherproofing such as design review, site inspection and condition assessment, QA/QC Inspection for areas like foundation protection and basement waterproofing, jointing, insulation, roofing and all related works.

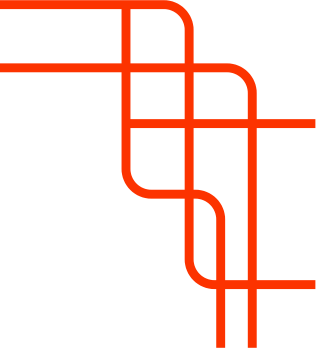




## WHY?

The protection and weatherproofing of modern building and construction has become, over recent years, an increasing concern not just for architects, contractors and construction material suppliers, but also for the actual users of a building. The rapid technological advance in construction materials, and the increasingly specialized nature of modern construction, creates the need for an equally specialized and modern approach to the inherent problems of protection and weatherproofing. The traditional problems of roofing and waterproofing have accordingly acquired a more complex nature than ever before.





# PVC WATERPROOFING MEMBRANE

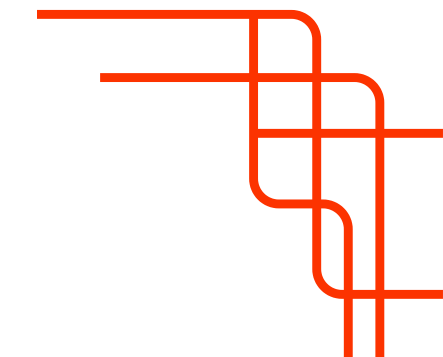
Thermoplastic PVC roofing is extremely strong, as its heat-welded seams form a permanent, watertight bond that is stronger than the membrane itself. PVC resin is modified with plasticizers and UV stabilizers, and reinforced with fiberglass non-woven mats or polyester woven scrims. They are inherently fire resistant and have a longer life than bitumen based membranes allowing for a 20 year warranty.

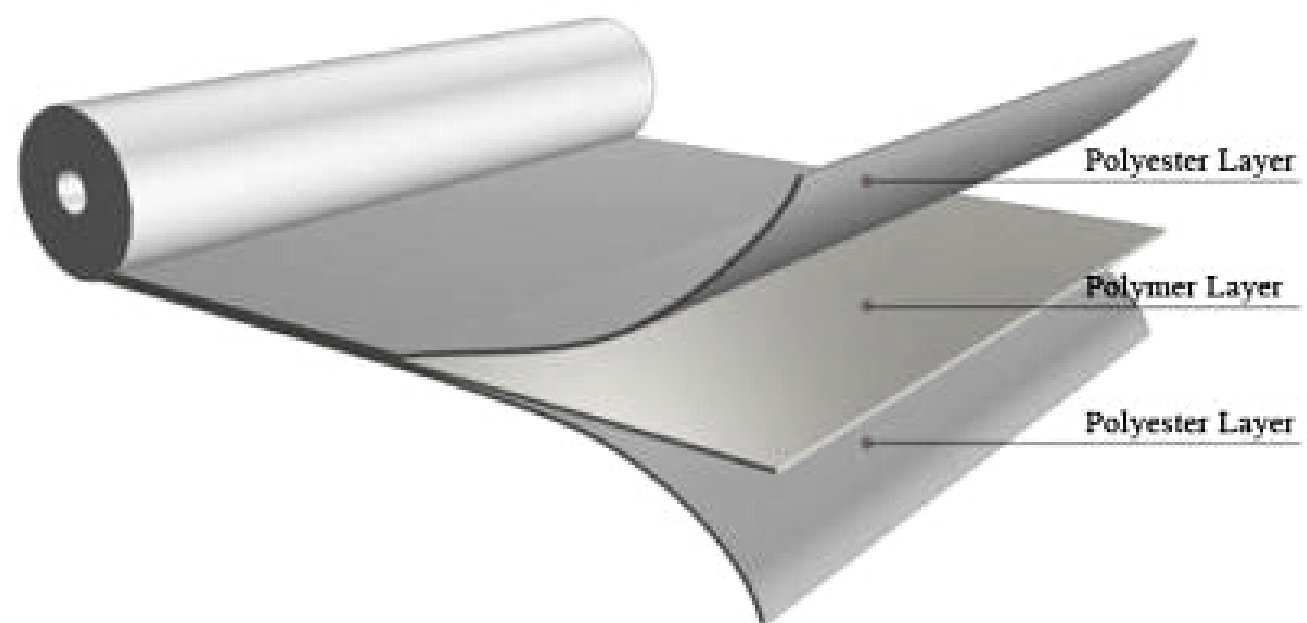




# EPDM WATERPROOFING

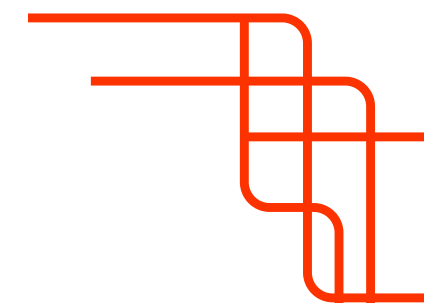
Ethylene Propylene Diene Monomer (EPDM) is a type of synthetic rubber commonly used outdoors for roofing, window and door seals. EPDM Membrane creates an airtight and weathertight seal and can be used for a wide variety of applications such as glass protection.

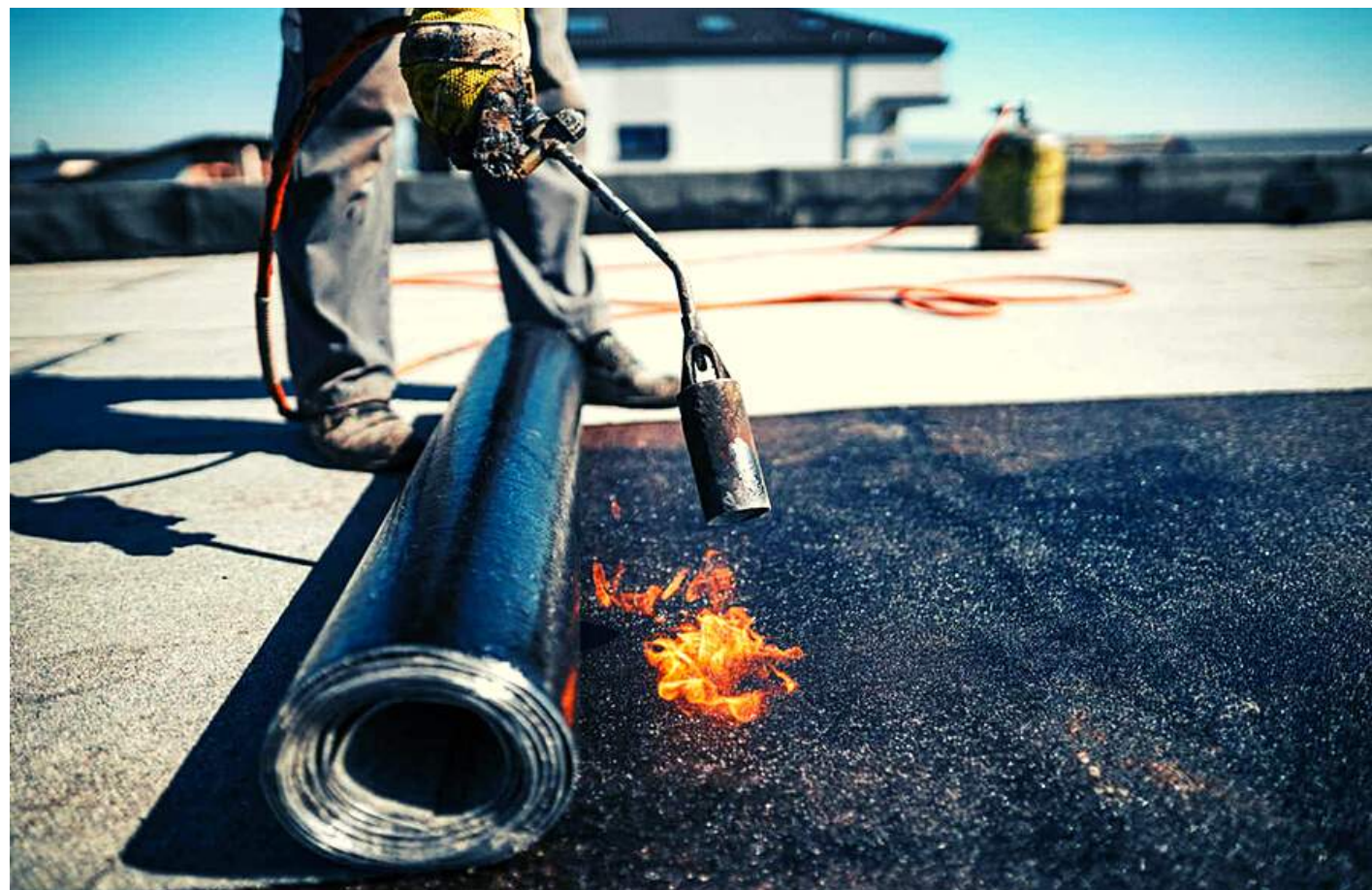




## TPO WATERPROOFING

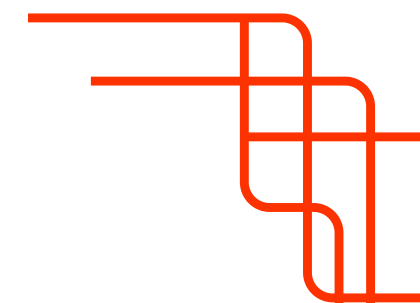
Thermoplastic Polyolefin (TPO) is a single-ply reflective roofing membrane. It is composed of polypropylene and ethylene-propylene rubber which are polymerized together to form what we call TPO. This synthetic roofing membrane comes in various thickness and dimensions.

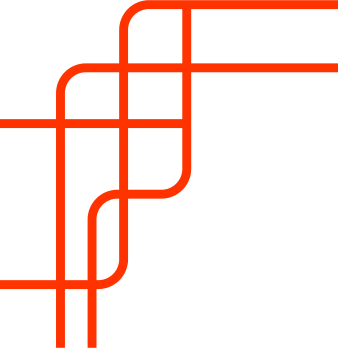




## **BITUMINOUS WATERPROOFING**

**Bituminous waterproofing systems are designed to protect residential and commercial buildings. Bitumen (asphalt or coal-tar pitch) is a material made up of organic liquids that are highly sticky, viscous, and waterproof.**





## HDPE WATERPROOFING

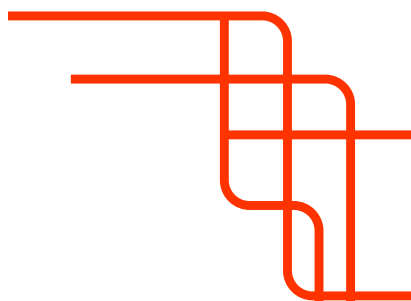
HDPE Membranes are based on high-density polyethylene material, designed to provide water and water vapour protection to water excluding structures, securing concrete from aggressive ground salts and chemicals related corrosion.





## **HOT FLUID APPLIED WATERPROOFING**

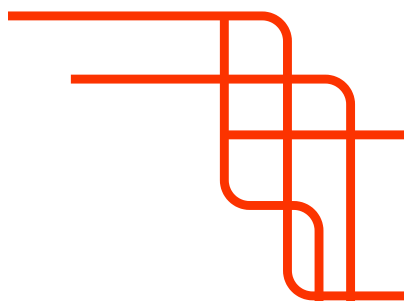
Hot rubberized waterproofing systems are fluid-applied membranes that consist of a blend of asphalt and modified rubber polymers containing mineral stabilizers. These waterproofing systems allow for creating monolithic membranes that can cover a large surface area.

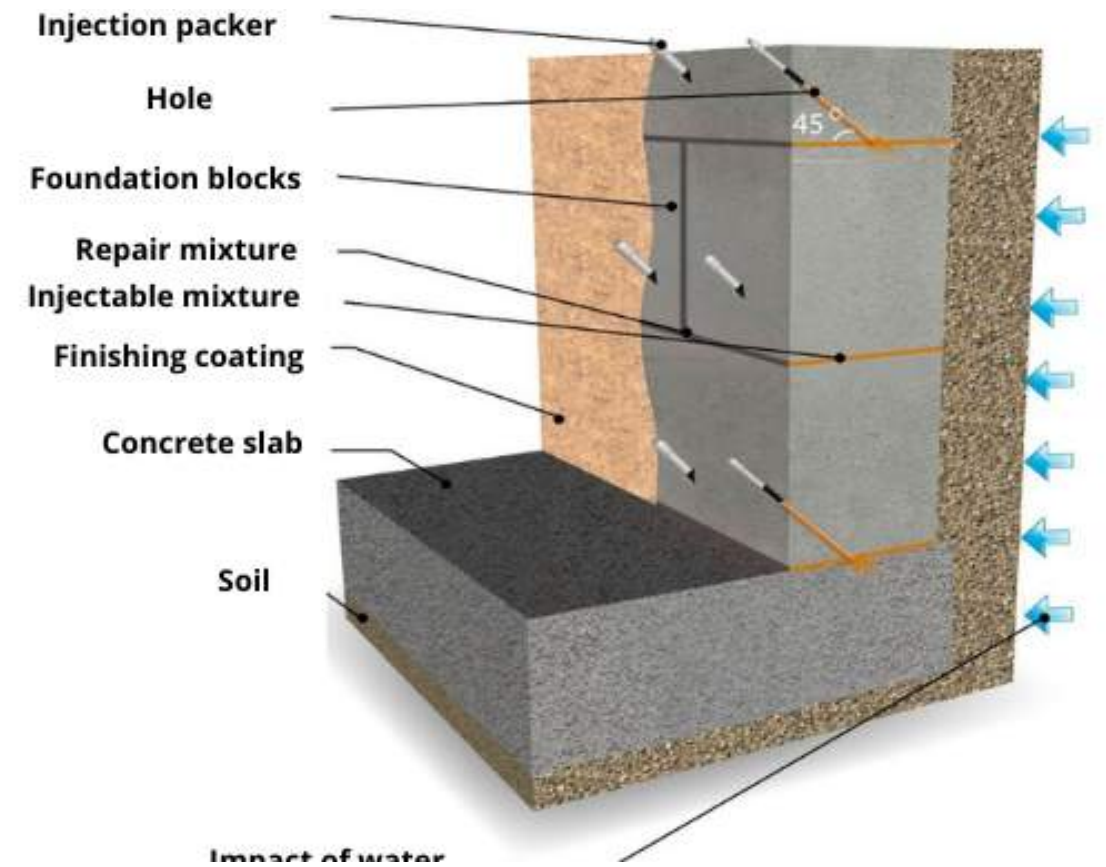




# FPO WATERPROOFING

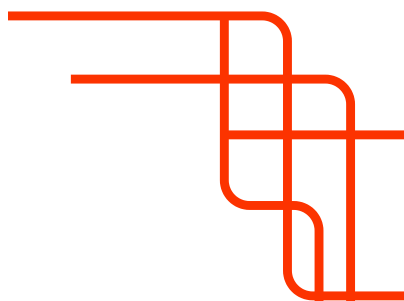
FPO membranes, which are thermoplastic polyolefin-based waterproofing membranes, offer a long service life due to their resistance to atmospheric conditions, plant roots and UV rays as well as high tearing, abrasion and puncture resistance.

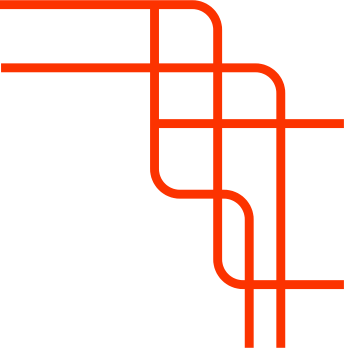




# INJECTION WORKS

Injection is a procedure of pumping cement-based, polyurethane-based, epoxy-based or acrylate-based material into damaged or cracked structures to securely seal leaks, repair compromised structures and make them watertight again for the long term.





## **CEMENTITIOUS WATERPROOFING**

It is a waterproofing method for concrete that uses cement-based polymer coatings. When applied correctly, the cement can create a strong and durable moisture barrier for cement walls and floors. The barrier will come in the form of epoxy or latex mixes.



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