

NURAPRUF 800

HIGH PERFORMANCE HDPE PRE-APPLIED WATERPROOFING MEMBRANE THAT BONDS INTEGRALLY TO POURED CONCRETE

DATA SPECIFICATION SHEET

DESCRIPTION

NURAPRUF 800 membrane is unique as it is made up of composite sheets comprising a thick HDPE film, an aggressive pressure sensitive adhesive and a trafficable weather resistant protective granular layer. It is a pre-applied fully bonded waterproofing membrane that bonds directly to concrete poured against it, thus sealing the concrete and preventing any ingress or migration of water around the structure.

AREAS OF USAGE

NURAPRUF 800 is ideally suited for used to waterproof basement structures, tunnels, subways, etc.

ADVANTAGES

- Fully bonded technology prevents water migration
- Can be trafficked immediately after application and ready to receive reinforcement
- Unaffected by ground settlement beneath slab
- Unaffected by wet conditions and cannot be activated prematurely
- Provides a physical barrier and isolate structure to water, moisture and gas
- Effective in all types of waters and soils
- Highly ideal for confined spaces as it can be applied to permanent formwork
- Weather and UV resistant
- Simple and quick to install

OTHER ACCESSORIES

- N800 Tape: 80mm width x 100m length roll
- Nurapruf Seal: 20 litres/ pail

PRODUCT SPECIFICATION

ROLL SIZE: 20m length x 1.0m width

THICKNESS: 1.5mm

TENSILE STRENGTH: 37 N/mm²

ELONGATION: >975%

TENSILE SHEAR AT JOINT: >787 N

HYDROSTATIC RESISTANCE: 20 bar

PUNCTURE RESISTANCE: 785 N

ADHESION TO CONCRETE: 2324 N/m

APPLICATION

SUBSTRATE PREPARATION

All Surfaces - It is essential to create a sound and solid substrate to eliminate movement during the concrete pour. Substrates must be regular and smooth with no gaps or voids greater than 12mm. Grout around all penetrations such as utility conduits, etc. for stability.

APPLICATION

NURAPRUFE 800 can be applied at temperatures of -4°C or above. During cold or damp conditions, the selvedge and tape adhesive can be gently warmed using a hot air gun or similar to remove moisture or condensation and improve initial adhesion.

Horizontal Substrates

Place the membrane HDPE film side to the substrate with granular layer side up facing towards the concrete pour. End laps should be staggered to avoid a build up of layers. Accurately position succeeding sheets to overlap the previous sheet 75mm along the marked selvedge. Ensure the underside of the succeeding sheet is clean, dry and free from contamination before attempting to overlap. Peel back the plastic release liner from between the overlaps as the two layers are bonded together. Ensure a continuous bond is achieved without creases and roll firmly with a roller. Membrane is ready to receive reinforcement.

Vertical Substrates

Mechanically fasten the membrane vertically using fixings (i.e. fasteners) appropriate to the substrate with the granular layer side facing towards the concrete pour. The membrane may be installed in any convenient length. Secure the top of the membrane using a batten such as a termination bar or fixing, 50mm below the top edge. Fixings can be made through the selvedge so that the membrane lays flat and allows firmly rolled overlaps. Any additional fixings outside the selvedge must be covered with a path of N800 Tape.

Ensure the underside of the succeeding sheet is clean, dry and free from contamination before attempting to overlap. Roll firmly to ensure a watertight seal.

Roll Ends and Cut Edges

Overlap all roll ends and cut edges by a minimum 75mm and ensure the area is clean and free from contamination.

EXPOSURE AND PROTECTION

Following the application and inspection, care should be taken to prevent damage by following trades. Any punctured or damaged areas should be cleaned and patched using NURAPRUFE 800 or N800 Tape with minimum 50mm laps all around.

HEALTH & SAFETY

Read the product label and Material Safety Data Sheet (MSDS) before use. Users should acquaint themselves with all risk and safety phrases.

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Place Product
Sample Here

Revision A

All data given and statements and recommendations made herein are base upon our research and experience and are believed to be accurate. However, no guarantee of their accuracy is made or applied. This data specification supersedes all other issues.