

Tremco Waterproofing Solutions

Liquid and Sheet Applied Waterproofing for Buried Structures



TREMCO

Waterproofing Solutions for Buried Structures

Combining fast track installation with long term performance

The Tremco range of waterproofing membranes includes a complete range of liquid and sheet applied systems that combine the benefits of rapid installation with the long term performance demanded by modern construction.

Developed specifically for the protection of buried structures, Tremco waterproofing systems are ideal for use in applications ranging from ground slab, split slab and backfilled walls, through to podium decks, inverted roof and green roof installations.



Liquid Applied System

From the array of waterproofing systems available today, liquid-applied polyurethane based membranes continue to grow in popularity, offering a combination of advantages over traditional sheet or hot melt alternatives.

Technological advances have led to a new generation of liquid-applied waterproofing materials that not only enable protection, but also dramatically improve delivery times.

Tremco CP250 Liquid Applied Waterproof Membrane

TREMCO CP250 is a single part, rapid curing, modified polyurethane waterproofing membrane that can be applied directly to green or damp concrete surfaces.

Key benefits of the system include:

- Single component, cold-applied fully bonded membrane.
- Membrane applied in a single coat without primer in most cases.
- Can be applied directly to damp or green concrete without the need for priming.
- Highly elastomeric - excellent crack bridging performance.
- Rapid curing - can be overlaid in as little as 4 hours.
- Rollable and trowelable grades available - suitable for horizontal or vertical application.

To ensure the trouble free installation and long term performance of the system, a range of ancillary items are available for use with the Tremco CP250 membrane.

TREMCO CP600 FLASHING

A reinforcing flashing supplied in 30m rolls. Used as a flashing material at joints and transitions in plane, at horizontal-to-vertical transitions and any other situation where additional protection is desirable.

TREMCO CP610 DRAIN PATCH

An SEBS rubber sheet used for reinforcement at pipes, drains and other penetrations. The sheet can be cut to size on-site, to fit over a pipe, into a drain or in/over any other penetration or area needing detailing.

TREMCO CP650 DRAINAGE SERIES

A two-part prefabricated drainage material and protection board. The polypropylene fabric allows water to pass into the drainage core while restricting the movement of soil particles. A HDPE plastic core provides compressive strength and allows high capacity flow.

TREMCO CP660 GREEN ROOF DRAIN

Once installed over the cured membrane, Tremco CP660 protects the membrane from root penetration, provides a drainage layer to relieve excess rainwater and retains up to 7 litres per m² to sustain plant growth.

TREMCO PROTECTION SERIES

A range of high strength protection materials for use over TREMCO CP250 or similar waterproofing membranes. Can be installed within minutes over a cured membrane to give maximum protection against backfill, poured slabs and other trades.

Bentonite Sheet Waterproof Membrane

The Tremco CP700 bentonite sheet system is a BBA approved dual protection sheet material used to provide waterproofing beneath ground slabs, along blindside walls, and other areas unsuitable for liquid applied systems.

The system incorporates a self-healing film of bentonite clay which swells on contact with moisture to seal any voids and potential leaks. This film is bonded onto a tough but flexible HDPE sheet, offering a second level of protection.

Key features of the system include:

- Provides a totally watertight barrier which is 10 times greater than concrete
- Can be installed in damp conditions and/or directly onto green concrete
- Prevents tracking of water between membrane and concrete surfaces
- Easy to install: no priming, no welding, no specialist tools or equipment required
- In excess of 5,000,000 m² successfully installed worldwide
- U.K. Water Fitting Byelaws Scheme Listed for use with potable water

Supplied in roll form, the membrane is simple to install, and a range of ancillary items are available to ensure a trouble-free installation for the life of the system.



CP TERMINATION BAR

An aluminium alloy specially formulated to exhibit excellent holding power. When fastened through pre-cut holes, CP Termination Bar provides tight, straight and extremely long lived terminations, caulk troughs and drip edges.

CP PERMANENT SEAM TAPE

Consists of a 100mm wide x 1.5mm rubberized asphalt membrane laminated to a polyethylene reinforcing film. A removable release paper protects the adhesive membrane face until removed during installation.

CP BENTONITE GRANULES

CP Bentonite Granules can be used in conjunction with the CP700 system to form a waterproof transitional seal. Used to form a cove at all horizontal to vertical transitions, at floor/wall transitions and penetrations through horizontal surfaces, and to fill voids around irregularities.



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