

TDS: QW100

Below Grade 100 % Waterproofing Membrane



PRODUCT NAME

QW100

DATE CREATED

01/01/2021

LAST REVIEWED 21/08/2023

DESCRIPTION

Q.W. 100 is a premium, yet cost effective, reliable, user-friendly, non-volatile Liquid **Waterproofing Membrane** to be used in conjunction **Quick Waterproofing Fabric** to form a seamless monolithic protective barrier against water migration into concrete, timber and masonry surfaces.

USE OVER

- Cement
- Concrete
- Masonry
- Fibre Cement Sheets
- Raw Timber
- Polished Timber
- Retaining Walls

APPLICATION TO RETAINING WALLS

- Step 1: Ensure all surface areas are free of dust, oil, grease and any other contaminants.
- Step 2: Prepare substrate by applying a tight trowel applied coat of Quickwall Regular Skim Coat using a Water - Quickwall Polymer ratio of 2parts water:1 part polymer. Allow to dry 24 hrs
- Step 3: Roll on **Q.W. 100** waterproofing solution direct from the pail to the width of the Quick Fabric. Lay the pre-cut fabric directly onto the wet Q.W. 100 solution. Using a squeegee, or de-aerator roller, remove all air and allow the Q.W. 100 solution to thoroughly saturate the fabric. (This is termed “wetting out”.) Immediately roll on an additional spread of Q.W. 100 solution, ensuring the fabric is completely “wet out” and that there are no creases, or bubbles. Continue this procedure overlapping every join of fabric by a minimum of 50mm. Remember to thoroughly “wet-out” the **fabric and overlaps**. Allow to thoroughly dry, minimum 24 hours in a well-ventilated area and longer where necessary if conditions are particularly humid.
- Step 4: Once thoroughly dry, (minimum 24 hours), apply an additional coat of QW100 Membrane direct from the pail to the entire area. Fabric is not required in the step. Allow to dry 24hrs
- Step 5: Once dry, protect substrate with corflute, prior to backfilling in accordance to standard waterproofing guidelines. Be careful not to spike the fabric with sharp debris and insure that proper drainage and aggregate filter media falls to lower ground.

APPLICATION TO WET AREAS

- Step 1: Ensure all surface areas are free of dust, oil, grease and any other contaminants.
- Step 2: Apply Quickwall PRIMER. Roll Primer on to the substrate and allow thorough drying.
- Step 3: Roll on **Q.W. 100** waterproofing solution direct from the pail to the width of the Quick Fabric. Lay the pre-cut fabric directly onto the wet Q.W. 100 solution. Using a squeegee, or de-aerator roller, remove all air and allow the Q.W. 100 solution to thoroughly saturate the fabric. (This is termed “wetting out”.) Immediately roll on an additional spread of Q.W. 100 solution, ensuring the fabric is completely “wet out” and that there are no creases, or bubbles. Continue this procedure overlapping every join of fabric by a minimum of 50mm. Remember to thoroughly “wet-out” the **fabric and overlaps**. Allow to thoroughly dry, minimum 24 hours in a well-ventilated area and longer where necessary if conditions are particularly humid.
- Step 4: Once thoroughly dry, (minimum 24 hours), apply an additional coat of QW100 Membrane direct from the pail to the entire area. Fabric is not required in the step.
- Step 5: In wet areas where walls meet floors, follow the procedure at Step 3 using a 100mm strip of pre-cut fabric extending 50mm from the wall face, down over the floor fabric to insure proper sealing and reinforcement of the wall and floor joint. (A paintbrush is the preferred application tool for best results.)

NOTE: Q.W. 100 is coloured “PINK”. For identification purposes.

THEORETICAL SPREAD RATES – ALLOWING FOR BOTH COATS

Recommended DFT 350 – 400 um film thick (Dry)

Cement Sheet	1.0 m ² per litre
Flat Concrete	1.0 m ² per litre
Timber Decks	1.0 m ² per litre
Skimcoat	1.0 m ² per litre