



SRO 840 Waterproofing Specification – Roof/Deck Liquid Applied Membrane system – Exposed- Light Foot Trafficable

Scope

Liquid applied membranes applied to suitably prepared substrates to form fully bonded seamless, trafficable membranes against water penetration.

Applications

Typical applications where the membrane will be exposed to light to medium foot traffic only include;

- External roofs, decks and balconies
- External/ exposed plant rooms
- Exposed walkways
- Internal Plant Rooms

Substrates

The substrate recommended for this liquid applied light trafficable membrane system

- Concrete

Substrate Preparation

Substrates to which the liquid applied membrane is to be applied must be structurally sound and free of all contaminants (e.g. laitance, form release agents). Contaminants are best removed, and smooth steel trowel finished concrete scarified by mechanical methods such as shot blasting, grinding, abrasive blasting and scarifying to achieve an open pored surface with a fine profile. The substrates should have completed the recommended minimum curing/drying periods (e.g. 28 days for concrete) with all holes/voids filled with a cement based patching mortar (e.g. [ARDEX A 46](#) or [ARDEX BR 345](#) system) and all surface protrusions ground flat. Ensure all drainage wastes are fitted with suitable flanges onto which the membrane can be terminated.

Liquid Applied Membrane System

- [ARDEX WPM 908](#) Trafficable membrane coating

This liquid applied membrane is to be applied in a minimum of 3 coats to achieve the dry film thickness recommended on the product data sheet.

Priming

[ARDEX WPM 300](#) is the **only** primer recommended for this membrane where the substrate is either dry or damp (i.e. more than 5% moisture content). The [ARDEX WPM 300](#) must be dry prior to the application of the [ARDEX WPM 908](#).

Membrane Installation

This liquid applied membrane system is typically applied with brush and roller equipment.

Wet film thickness gauges are used to ensure the correct amount of materials is applied to achieve the recommended dry film thicknesses. Three coats (minimum) are recommended to ensure any pinholes are not continuous through the total membrane.



Curing/Drying

Liquid applied membranes require some time to dry and fully cure. Please refer to the individual product data sheets for the recommended drying/curing periods.

Membrane Protection

This membrane is UV stable and may be left fully exposed without additional protection.

Note: Consult ARDEX if tiles are to be adhesive fixed to this membrane as the standard application method as an exposed membrane is not sufficient for adhesive fixing of tiles.

Disclaimer:

The recommendation selected is based upon questions answered on the ARDEX Australia website. This recommendation is designed as a general application for your described situation and should not be considered site specific documentation for general distribution. Always consult the latest relevant ARDEX Technical Bulletins and information on the product packaging and/or product data sheets (available on the ARDEX Website). Australian and other relevant standards should be followed during installation. If you have any further questions or would like further clarification please contact the ARDEX Technical Services Hotline on 1800 224 070 (9am to 5pm Monday to Friday).