SR0 841 Waterproofing Specification – Roof & Deck
ARDEX Single Layer ARDEX WPM715 Sheet Roofing System – Exposed

Scope
Single layer roofing membranes are applied to approved substrates to achieve a continuous membrane barrier against water penetration in exposed roof situations

Applications
Single ply sheet membranes are suitable for use as the exposed finish when fully exposed to all climatic conditions in situations such as

- Roof and exposed deck areas – light foot traffic only

Substrates
Suitable substrates for these sheet membrane systems include

- Concrete
- Compressed fibre cement sheeting
- Engineered timber sheeting (e.g. approved plywood)

Substrate Preparation
Substrates to which the single ply sheet membranes 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 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.

Timber substrates shall be clean, dry and free of surface coatings. Timbers treated with Light Organic Solvent Preservative (LOSP) are not to be used.

Ensure all drainage wastes are fitted with suitable flanges/bowls/clamp rings into which the sheet membrane can be securely terminated.

Sheet Membranes
ARDEX single layer sheet membranes include;

- **ARDEX WPM715 - 1.5mm** (available in Black or Grey Colour)

Membrane Installation
ARDEX WPM715 is adhesive fixed to the prepared substrates using **ARDEX WA 98** Solvent based Adhesive. Mechanical fixing may be required for some applications.

Details of the fixing methods for this membrane can be provided by ARDEX upon request with the installation to be completed by Ardex accredited installers only.

Please refer to the relevant product TDS for detailed installation instructions and any additional requirements.

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).

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