



June, 2022

## SRO 1544 Prefabricated Construction – Dry Areas – Vinyl Flooring

### SCOPE

Systems for levelling, smoothing, and vinyl adhesives for prefabricated dry areas where vinyl flooring is to be installed

### APPLICATIONS

This system is typically used in modular building scenarios where construction is carried out off-site.

### SUBSTRATES

Suitable substrates for the prefabricated wet area system include:

- Lightweight, fibre reinforced concrete
- Compressed fibre cement sheeting
- Magnesium oxide boards – **contact ARDEX for suitable boards**
- Particleboard (floors only)
- Plasterboard (walls only)

All substrates are to be installed as per manufacturers recommendations.

### SUBSTRATE PREPARATION

By way of mechanical method and vacuum cleaning as necessary, remove all dirt, dust, curing compounds, oils, grease, surface sealers, and any other contaminants prior to application. Prepare surface to leave sound, clean, free from sharp edges, or other materials which may compromise the installation.

### LEVELLING

**ARDEX K65** levelling cement is a versatile levelling compound that can be applied from 3mm to 20mm or 20 to 50mm with 2-5mm aggregate. Another levelling compound that is suitable for this application is **ARDEX ARDITEX NA**. **ARDITEX NA** can be applied from feather edge to 12mm

For areas that only require a skim coat of feather edge up to 3mm, **ARDEX Feather Finish** is recommended.

### PRIMING

Prior to the application of the ARDEX membrane, all prepared substrates should be primed with the appropriate ARDEX primer.

For lightweight, fibre reinforced concrete, compressed fibre cement sheeting, and ARDEX levelling cements, **ARDEX Multiprime** is used as the primer

**ARDEX WPM 300** is the primer when using approved magnesium oxide boards as the substrate, and **ARDEX P9** is the primer for particleboard.

### VINYL FLOOR COVERING INSTALLATION (FLOORS)

The dry membrane will show surface irregularities from the rollers and brushes used to apply the membrane. To achieve the smooth surface suitable for resilient floor coverings, trowel-on **ARDEX Feather Finish** (1.5 – 2.0mm) thick and smoothing as the application proceeds. This is a quick setting (< 30 minutes) cement based compound which provides the porosity for water based vinyl adhesives to set correctly.





When the **ARDEX Feather Finish** is dry, the vinyl floor and wall finishes may be applied using a universal vinyl adhesive such as;

- **ARDEX AF 171** for sheet vinyl and vinyl planks.

For areas in direct sunlight where a higher temperature resistance is required, **ARDEX AF 180 MS** vinyl adhesive is recommended.

If any sealing is required ARDEX recommend **ARDEX ST** silicone as the sealant.

*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).*