



This document provides general recommendations only and is designed to be used in combination with relevant Product Data Sheets, standards and industry practices. As each project differs in requirements and site conditions, specific recommendations may vary from the information provided here. For recommendations related to a specific project, please, contact ACT Australia Pty Ltd.

1 Moisture Barrier

EP-2
2-Part Epoxy
Primer



2 Bondbreaker

WP MS-PU
Polyurethane
Sealant



3 Waterproofing

WP-1 PINK
Class III
waterproofing
membrane



4 Tile Adhesive

ADH-55
High Polymer



ADH-66
Lightweight



5 Grout

Spectrum Futura
Lightweight
Coloured Grout



6 Silicone

**Spectrum Futura
S-25**
Sanitary Grade
Acetoxy Silicone



7 Tiler Levelling

EZE-Clip
Tile Laying
System



INFORMATION**SCOPE**

This specification outlines general guides for the materials selection, preparation, application, and installation for the tiling systems in submerged areas (e.g. swimming pools, ponds, etc).

STANDARDS AND CODES

All work shall comply with the latest editions of the following standards and documents:

- AS 3740 – Waterproofing of domestic wet areas
- AS 3958.1 – Ceramic tiles – Guide to the installation of ceramic tiles
- AS 4858 – Wet area membranes
- National Construction Code (NCC)
- Building Code of Australia (BCA)
- Any other relevant building codes
- Relevant Product Data Sheets and installation guides

INSTALLATION GUIDE**1. WATERPROOFING**

Ensure substrate is clean, dry, and free from dust, oil, and contaminants. Surface must be structurally sound.

1. Apply 2 coats of **EP-2 Epoxy Primer and Moisture Barrier** to the substrate.
2. Use **WP MS-PU** Polyurethane Sealant as a bond breaker in the corners, structural joints etc.
3. Apply minimum 2 coats of **WP-1 PINK** waterproofing membrane.

Important!

WP MS-PU and first coat of **WP-1 PINK** must be applied within 24 hours from the **last coat of EP-2**.

If this time window is missed, apply another coat of EP-2 prior WP MS-PU and WP-1 PINK application.

Follow application instructions on packaging and PDS.

EP-2
2-Part Epoxy Primer &
Moisture Barrier



WP MS-PU
Polyurethane Sausage



WP-1 PINK
Class III waterproofing
membrane



2. TILE INSTALLATION

Use appropriate size notched trowel based on the size of the tiles. Follow mixing, application and drying instructions on packaging and PDS.

ADH-55 - high polymer content tile adhesive with increased coverage, higher bond strength and flexibility.

ADH-66 - lightweight tile adhesive with highest adhesion strength and improved non-slump properties.

For a perfect tiled surface finish, use ACT's patented **EZE-Clip** Tile Laying System.

ADH-55
Polymer Modified
C2ETS2

ADH-66 Light
Lightweight
C2ETS2

EZE-Clip
Tile Laying System



3. GROUT AND SILICONE

Choose from a wide range of colours of **Spectrum Futura** Lightweight Grout suitable for joints from 1mm to 30mm wide.

Select a colour of **Spectrum Futura S-25** silicone to match the grout for all movement joints.

Follow application instructions on packaging and PDS.

Note!

Silicone in submerged applications should be regularly inspected to ensure its continuous integrity in-situ.

Spectrum Futura
Lightweight Coloured
Grout

Spectrum Futura S-25
Sanitary Grade Acetoxy
Silicone



NOTES

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