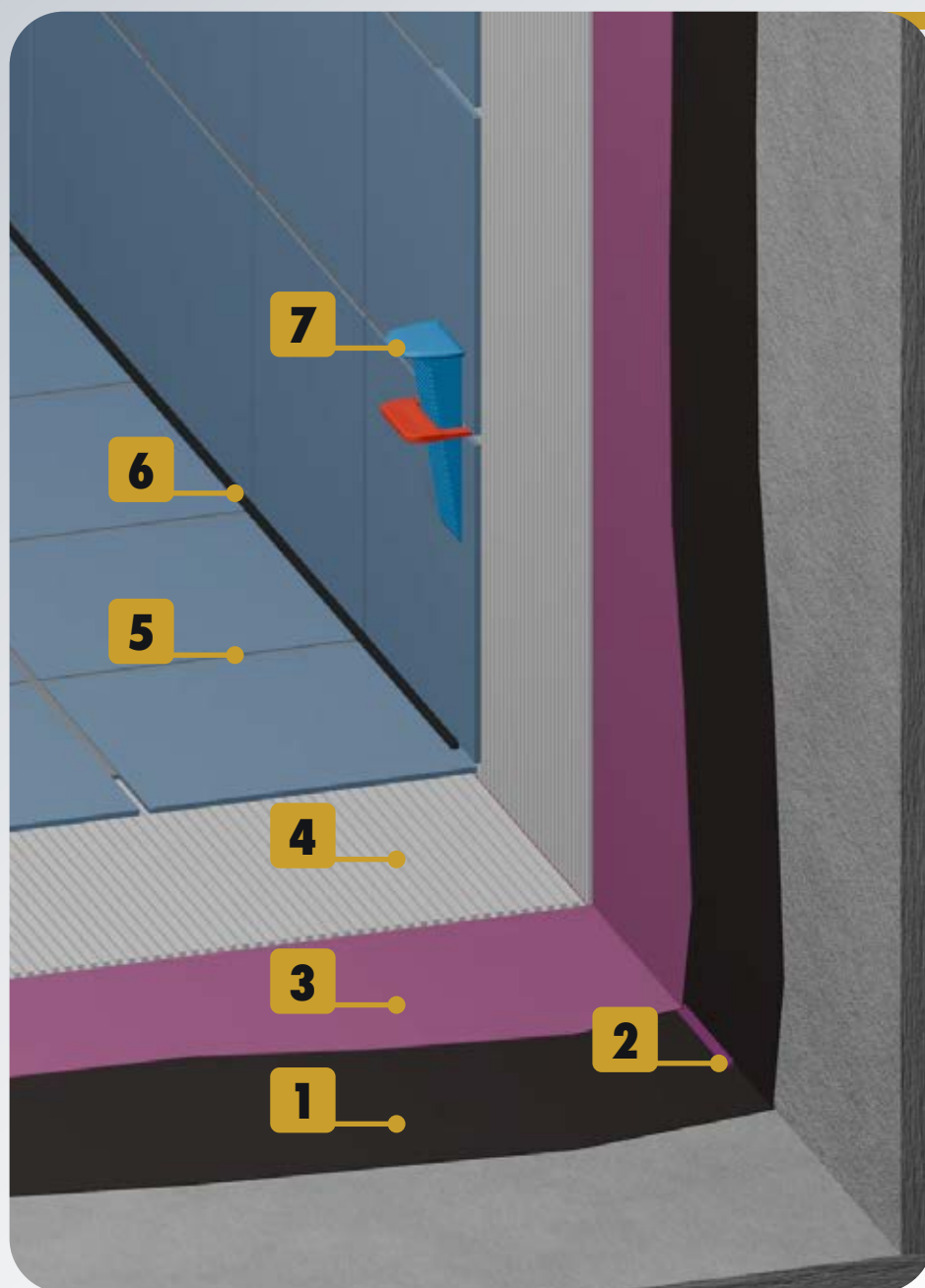


WATERPROOFING AND TILING SWIMMING POOLS

No: D-1007

Revision: 2

Issued: Jul 10, 2026



1 Moisture Barrier

EP-2

2-Part Epoxy
Primer & Moisture
Barrier



2 Bondbreaker

WP MS-PU

Polyurethane
Sealant



3 Waterproofing

WP-1 PINK

Class III SBR
Waterproofing
Membrane



4 Tile Adhesive

ADH-55

High Polymer



ADH-66 Light

Lightweight

5 Grout

Spectrum Futura

Lightweight
Coloured Grout



6 Silicone

Spectrum Futura S-25

Sanitary Grade
Acetoxy Silicone



7 Tile Levelling

EZE-Clip

Tile Laying
System



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.



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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 & 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

Note!

Use RDR-20 Premium Pool Render if required to fill imperfections, grind lines, and formwork bumps and prepare the substrate to receive waterproofing.

RDR-20
Premium Pool
Render



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
Sealant



WP-1 PINK
Class III SBR
Waterproofing
Membrane



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INSTALLATION GUIDE

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
High Polymer
C2ETS2



ADH-66 Light
Lightweight
C2ETS2



EZE-Clip
Tile Laying
System



3 GROUT & 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



SYSTEM WARRANTY

ACT Australia Pty Ltd guarantee this system for 15 years when installation is done in accordance with the standards and codes listed in this document, and full installation system has been followed. This guarantee applies for the time of application and covers only the cost of replacement materials of the original installation only when the product is proven and acknowledged to be faulty.

