



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 Bondbreaker

WP MS-PU
Polyurethane
Sealant



2 Bandage (optional)

WP Bandage



FLEXI Bandage

3 Waterproofing

WP-1 PINK
Class III
waterproofing
membrane



4 Screed

SCR-100
Engineered
Screed



5 Tile Adhesive

ADH-33
ADH-44
ADH-55
ADH-66



6 Grout

Spectrum Futura
Lightweight
Coloured Grout



7 Silicone

Spectrum Futura S-25
Sanitary Grade
Acetoxy Silicone



8 Tile 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 within internal and external covered wet areas (e.g. bathrooms, laundries, balconies).

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. SUBSTRATE PREPARATION**

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

Optional:

PR-2 - if substrate is highly porous or remains dusty.
Follow application instructions on packaging and PDS.

PR-2
Multipurpose Acrylic
Primer

**2. WATERPROOFING - UNDER SCREED**

Use **WP MS-PU** Polyurethane Sealant as a bond breaker in the corners, FC Sheet joints, structural joints etc.

Optional:

Apply **WP Bandage** or **FLEXI Bandage** as reinforcement to the bond breaker.

Apply minimum 2 coats of **WP-1 PINK** waterproofing membrane.

Follow application instructions on packaging and PDS.

WP MS-PU
Polyurethane Sausage



WP Bandage or FLEXI Bandage



WP-1 PINK
Class III waterproofing
membrane

**3. SCREED**

Use **SCR-100** Engineered Screed to create required falls to the drains.

Ensure that the screed mixture is applied to wet slurry coat as per installation instructions. For slurry coat, mix **ADH-55** high polymer tile adhesive to slurry consistency.

Follow application instructions on packaging and PDS.

SCR-100
Engineered Screed



4. WATERPROOFING - OVER SCREED (optional)

If waterproofing over screed is required by the relevant standards, guidelines or project specifications, **repeat step 2** over screed.

If faster drying time is required, use **EP-2** Epoxy Membrane instead of **WP-1 PINK**.

Follow application instructions on packaging and PDS.

WP-1 PINK

or

EP-2

2-Part Epoxy Primer & Moisture Barrier



5. 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-33 - rubber modified tile adhesive with high coverage. Ideal for large floor areas.

ADH-44 - versatile powder mastic for walls and floors with great workability and non-slump properties. Suitable for most internal and external applications.

ADH-55 - high polymer content tile adhesive with increased coverage, higher bond strength and flexibility. Best for large format floor tiles.

ADH-66 - lightweight tile adhesive with highest adhesion strength and improved non-slump properties. Best for large format tiles on walls and floors.

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

ADH-33

Rubber Modified
C2ETS1

ADH-44

Powder Mastic
C2ETS1

ADH-55

Polymer Modified
C2ETS2

ADH-66 Light

Lightweight
C2ETS2

EZE-Clip

Tile Laying System



6. 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 and perimeter joints.

Follow application instructions on packaging and PDS.

Spectrum Futura

Lightweight Coloured
Grout

Spectrum Futura S-25

Sanitary Grade Acetoxy
Silicone



NOTES