



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 Primer (optional)

PR-1
Impervious
Substrate Primer



or

PR-2
Multipurpose
Acrylic Primer



2 Leveller (optional)

LVL-25
Self-Levelling
Cement



3 Tile Adhesive

ADH-33
Rubber Modified



ADH-44
Powder Mastic



ADH-55
High Polymer



ADH-66
Lightweight

4 Grout

Spectrum Futura
Lightweight
Coloured Grout



5 Silicone

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



6 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 dry areas (e.g. living room, kitchen, other dry areas).

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.

In normal circumstances no priming is required as ACT tile adhesives has unique Infused Primer Technology (IPT).

To test substrate sponge liberal amounts of water onto the substrate and ensure water absorption is taking place. If so, then only sponge down with clean water prior to spreading adhesive.

Optional:

PR-1 - if substrate has very low or no water absorption (e.g. tiling over existing tiles, waterproof boards, etc).

PR-2 - if substrate is highly porous or remains dusty.

Follow application instructions on packaging and PDS.

PR-1

Impervious Substrate
Primer

**PR-2**

Multipurpose Acrylic
Primer

**2. FLOOR LEVELLING**

Optional:

If the concrete substrate is uneven, use **LVL-25 Self-Levelling Cement** to level the floor for tiling.

Follow application instructions on packaging and PDS.

LVL-25

Self-Levelling Cement



3. 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



4. GROUT AND SILICONE

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

Follow application instructions on packaging and PDS.

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

Spectrum Futura
Lightweight Coloured
Grout

Spectrum Futura S-25
Sanitary Grade Acetoxy
Silicone



NOTES