



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 Tile Adhesive

ADH-44
Powder Mastic



ADH-55
High Polymer



ADH-66
Lightweight



3 Movement Joints

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



4 Grout

Spectrum Futura
Lightweight
Coloured Grout



5 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 on the floors within heavy traffic and commercial areas (e.g. shopping centres, showrooms, driveways 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. 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 BLUE

Impervious Substrate
Primer



PR-2 GREEN

Multipurpose Acrylic
Primer



2. MOVEMENT JOINTS

Ensure that all required movement joints are installed in accordance with AS 3958.1.

Choose from a wide range of colours of **Spectrum Futura S-25** silicone to use in movement joints.

Follow application instructions on packaging and PDS.

Spectrum Futura S-25

Sanitary Grade Acetoxy
Silicone



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

Where higher adhesion strength and deformation is required:

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-44
Powder Mastic
C2ETS1

ADH-55
Polymer Modified
C2ETS2

ADH-66 Light
Lightweight
C2ETS2

EZE-Clip
Tile Laying System



4. GROUT

Choose from 13 colours of **Spectrum Futura** Lightweight Coloured Grout suitable for joints from 1mm to 30mm wide.

Follow application instructions on packaging and PDS.

Spectrum Futura
Lightweight Coloured
Grout



NOTES

