



1 Primer (optional)

PR-1
Impervious
Substrate Primer



2 Tile Adhesive

ADH-77 Soundflex
Acoustic Tile Adhesive



ADH-77 Soundflex Trowel
15mm Modified for
soundproofing



3 Grout

Spectrum Futura
Lightweight Coloured
Grout



4 Silicone

Spectrum Futura S-25
Sanitary Grade
Acetoxy Silicone



5 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.

INFORMATION**SCOPE**

This specification outlines general guides for the materials selection, preparation, application, and installation for the tiling systems for impact sound reduction in multi-story residential buildings.

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

NOTE!

As with all soundproofing applications, conduct independent testing in-situ to establish suitability of purpose. Results can vary depending on application, substrate etc.

INSTALLATION GUIDE**1. SUBSTRATE PREPARATION**

Suitable substrates for this application are: concrete, sand & cement screeds or over existing tiles.

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

If in wet area, waterproof with **WP-1 Pink**. Ensure all dust is removed prior to spreading **ADH-77**. Under tile waterproofing membranes must be fully cured prior to tiling.

Note! All existing tile substrates must be primed using **PR-1 impervious primer**.

For concrete or sand & cement screeds in normal circumstances no priming is required as ADH-77 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. If water is beading or no absorption is taking place, prime with **PR-1 impervious primer**.

Follow application instructions on packaging and PDS.

PR-1 BLUE
Impervious Substrate
Primer



WP-1 PINK
Class III Waterproofing
Membrane



2. TILE INSTALLATION

Important!

Application of **ADH-77 Tile Adhesive** must only be done with **ADH-77 15mm Trowel** that is specifically modified to ensure continuous tile adhesive bed of **minimum 8mm** beneath the tiles after tiles are installed.

A **minimum 8mm** continuous adhesive bed beneath the tile must be achieved for acoustic sound control. During application, hold the trowel at 90° to the substrate to maximise bed thickness.

Place tile into fresh **ADH-77 Soundflex** by pushing firmly into place with slight sideways motion. Ensure ADH-77 has **not** skinned over prior to placing tile.

Coverage:

Approximately 1.5-2m² per 13kg bag for soundproofing application.

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

Follow application instructions on packaging and PDS.

ADH-77 Soundflex
Highly Flexible
Acoustic Tile Adhesive
C2TS2



ADH-77 Soundflex Trowel
15mm Modified for
soundproofing application



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 and perimeter joints.

Follow application instructions on packaging and PDS.

Spectrum Futura
Lightweight Coloured
Grout

Spectrum Futura S-25
Sanitary Grade Acetoxy
Silicone



NOTES