



SRO1569 – WEDI and ARDEX Systems – Vinyl – Internal Dry Area Floors

Introduction

This general recommendation is for vinyl application to WEDI board Internal Dry Area Floors. ARDEX compatible systems are presented below. Where two or more are presented, they are both acceptable and warranted. The board must be installed as per manufacturer's instructions.

<https://www.wedi.net/au/product-systems/shower-and-wet-room-systems/building-board/building-board/>

WEDI Board is made up of blue core extruded polystyrene, reinforced in both sides with alkali resistant fibre glass coated with polymer modified cement (figures 1 and 2).

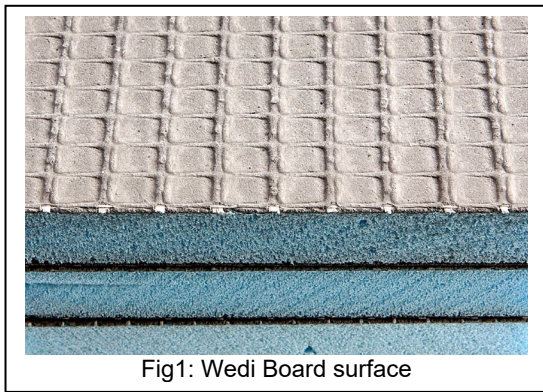


Fig1: Wedi Board surface

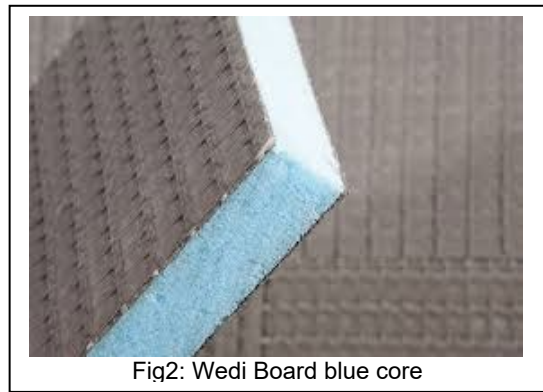


Fig2: Wedi Board blue core

The WEDI board can be used in a wide variety of wall and floor applications and comes in different board thicknesses.

Substrate Preparation

The WEDI board must be clean, dry and free from grease or any particulate contaminants that may act as a bond-breaker.

Vinyl – Internal Dry Area Floors

Primers

Not required

Joint Treatment

ARDEX WPM300 -Two layers of ARDEX WPM300 with ARDEX Deckweb embedded in between layers must be applied to every sheet joint. Sand is broadcast on the final ARDEX WPM300 layer for mechanical key.

Smoothing Cement

ARDEX A46 - This is a rapid-setting and fast-drying, slump-free mortar. It must be applied at a minimum thickness of 6mm to ensure adequate coverage and durability. Please refer to the note below for additional guidance and important application considerations.

Vinyl Adhesive

ARDEX AF 180 MS - a solvent free, low odour, wet bond MS Polymer based floor covering adhesive
ARDEX AF 171 – an indoor universal water-based floor covering adhesive.



Note: To achieve a durable, impact-resistant finish, ARDEX A46 must be applied at a minimum thickness of 6mm over the WEDI board. This ensures the surface has sufficient strength, stability, and resilience to withstand everyday use and mechanical impact. Applying the product at the correct thickness is essential for long-term performance and to maintain the integrity of the installation.

Disclaimer

The recommendation selected is based upon questions answered on the ARDEX Australia website. This recommendation is designed as a general application for your described situation and should not be considered site specific documentation for general distribution. Always consult the latest relevant ARDEX Technical Bulletins and information on the product packaging and/or product data sheets (available on the ARDEX Website). Australian and other relevant standards should be followed during installation. If you have any further questions or would like further clarification, please contact the ARDEX Technical Services Hotline on 1800 224 070 (9am to 5pm Monday to Friday).