



## TECHNICAL BULLETIN – TB239

# ARDEX STB TAPE AND ARDEX WPM002 MEMBRANE

16<sup>th</sup> August 2024

### INTRODUCTION & SCOPE

ARDEX STB tape was introduced with the revised high elongation Class III membrane ARDEX WPM155 Rapid Plus.

Investigations have been made to determine suitability for certain applications with the less flexible Class III membrane Ardex WPM002.

This bulletin makes some recommendations for this application.

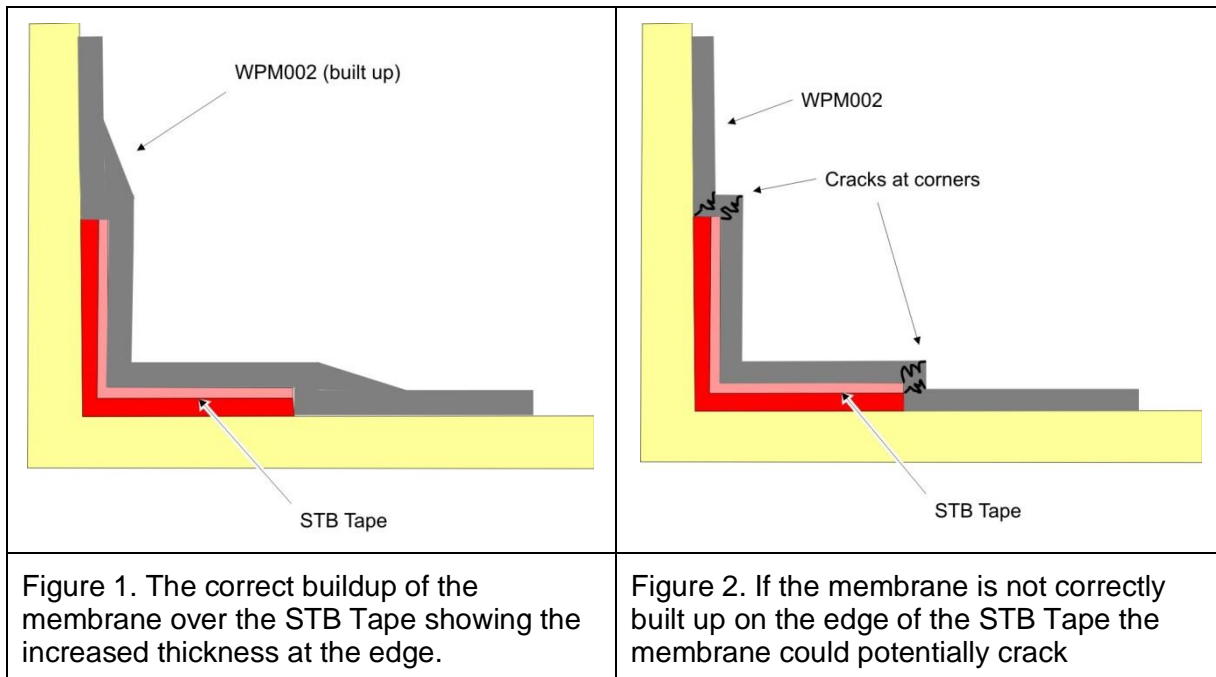
### SYSTEM

ARDEX STB Tape is primarily used at wall-floor junctions for internal wet areas and external balconies for upturns.

Where used with ARDEX WPM002 in the same applications, the dry film thickness at the edge of the tape of the WPM002 must be at least 1.2mm so that stress and movements at this point are accommodated.

The increased film thickness will likely slow down the drying and curing in this area relative to the rest of the membrane areas.

Where there is a gap between the wall and floor (e.g., a sheeted wall), the gap shall be filled with neutral-cured silicone and a foam backing rod if necessary.





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When tiles are installed, the adhesive bed has to be thick enough to accommodate the increased thickness of the STB tape. Deckweb is not used to assist in the edge build-up for the STB tape but is used with floor joints.

This recommendation does not apply to floor joints on internal floors or on external decks and verandas.

**IMPORTANT**

This Technical Bulletin provides guideline information only and is not intended to be interpreted as a general specification for the application/installation of the products described. Since each project potentially differs in exposure/condition specific recommendations may vary from the information contained herein. For recommendations for specific applications/installations contact your nearest Ardex Australia Office.

**DISCLAIMER**

The information presented in this Technical Bulletin is to the best of our knowledge true and accurate. No warranty is implied or given as to its completeness or accuracy in describing the performance or suitability of a product for a particular application. Users are asked to check that the literature in their possession is the latest issue.

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