

POLYURETHANE MEMBRANE

ACTFLEX 906 WPU

Water-based polyurethane Class III waterproofing membrane

WHY USE IT

Single-pack Class III membrane for bathrooms, showers and laundries. Open the pail and roll.

CLASS III | SINGLE PACK | TILE FROM 24 H

TECHNICAL DATA

COVERAGE	≈8–10 m²	per 20 kg pail, 1.2 mm in 2 coats	DRY FILM	1.2 mm	minimum total
TILE FROM	24 h	after the final coat; screed from 24 h too	FLOOD TEST	From 72 h	50 mm deep at the highest point, held 24 hours
FULL CURE	72 h	nominal, after the final coat	PACK	5 kg, 20 kg	pails; the 5 kg covers about 2 to 2.5 m²
APPLY AT	10–26 °C	air and surface			

HOW TO APPLY

1 PREPARE

Clean, dry, sound surface. Concrete normally at least 28 days old. Moisture reading below 4.5%, or install the two-coat ACTFLEX EP 250 moisture system first.

2 PRIME

ACTFLEX 200 on porous concrete, masonry, render and fibre cement. ACTFLEX 500 NP on dense or non-porous surfaces. ACTFLEX EP 250 where epoxy priming or moisture control is specified.

3 DETAIL

Form the sealant and bond-breaker detail at wall and floor junctions, nominal 12 mm fillet inside. ACTFLEX SA TAPE ends lap 50 mm. Tape alone is never a complete drain or pipe detail.

4 APPLY

Two coats at about 0.9 mm wet each, never more than 1.5 mm wet in one pass. Recoat after 6 to 8 hours, once the first coat is completely dry, and within 48 hours.

5 COVER

Tile with ACTFLEX BIOSET or screed from 24 hours after the final coat. A flood test starts from 72 hours: 50 mm deep at the highest point, held for 24 hours.

COATS AND RECOAT

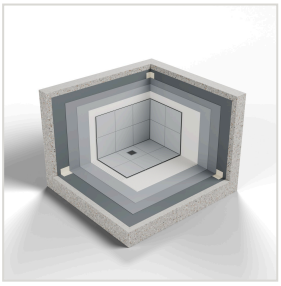
COATS	RECOAT
2	6–8 h
minimum, about 0.6 mm dry each	first coat fully dry; 48 hours at most

WHERE TO USE

- ✓ Bathrooms, showers and laundries
- ✓ Under tiled or screeded finishes
- ✓ Concrete, masonry, render and screed
- ✓ Wet-area fibre cement wall sheet

NOT FOR

- — Not for planter boxes, pools, ponds, tanks or anything always under water
- — Not over particleboard, yellow-tongue flooring, chipboard or timber



3D shower corner: concrete, ACTFLEX 200 primer, tape, 906 WPU in two coats, BIOSET, tile



On site: bathroom floor finished in 906 WPU



On site: shower recess in 906 WPU

TESTED: LAB REPORTS AND CERTIFICATES

STANDARD OR TEST	RESULT	REPORT, ISSUED
AS/NZS 4858:2004	Class III	XTecGen Report 251-5 · Oct 2023
AS 4654.1:2012	Class III (material assessment)	XTecGen Report 251-3 · Oct 2023
AS ISO 13007.5 with BIOSET	Tensile adhesion 1.128 MPa, 1.293 MPa after heat ageing	XTecGen Report 569-2 · Jun 2026

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PRODUCT CODE
A20F56 20 kg
A5 F57 5 kg

SCAN FOR THE DATA SHEET, SAFETY SHEET AND REPORTS

Figures from TDS-906WPU · Revision 2 · 12 August 2026. This page is a summary: read the current technical data sheet and safety data sheet before use.