



SHIELD Polythene Film®

TECHNICAL DATA SHEET



SHIELD Polythene Film® is a high-quality, commercial-grade polythene suitable for use as a damp-proof membrane in residential and commercial construction. Complies with NZS 3604:2011 Clause 7.5.6 and E2/AS1 Table 23 for use as a damp-proof membrane under concrete slabs.

PRODUCT RANGE

Product Code	Thickness µm (micron)	Roll Width (m)	Roll Length (m)	Total m ² per Roll	Label colour
250/2/50BLK	250	2	50	100	Blue
250/4/10BLK	250	4	10	40	White
250/4/25BLK	250	4	25	100	Red
250/4/50BLK	250	4	50	200	Green
250/4/50BLK(2)	250	4	50	200 (Folded to 2m)	Orange

TECHNICAL & COMPLIANCE

Property	Values & Notes	Compliance*	Standards
Nominal Thickness	250 µm (micron)	Pass	AS/NZS 4347.9:1995 NZS 3604
Impact Resistance	340 g weights at 660 mm. Tested before and after UV aging, including fold.	Pass	AS/NZS 4347.6:1995 ASTM G155 (UV)
Water Vapour Resistance	<0.02 mg/Ns based on ASTM E96 Method B. Tested before and after UV aging, and after penetration resistance testing.	Pass	AS 2870:2011 CSIRO Method ASTM G155 (UV)
Water Vapour Resistance	>90 MN·s/g based on ASTM E96 Method B	Pass	E2/AS1 of NZBC (November 2020)

*Tested by BRANZ 10th April 2025, in accordance with ISO 9001:2015. Report DC20427-01

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