

TECHNICAL DATA SHEET

DESCRIPTION

The PREPRUFE® Tieback Cover is a specially designed, two-part cover used to maintain waterproofing integrity at soil retention tieback heads. The PREPRUFE® Tieback Cover consists of a base and cover and is assembled on site to provide a simple and quick waterproofing detailing aid used with the PREPRUFE® system. A prefabricated, rigid ABS plastic base provides the strength and durability needed to withstand the pressure created by concrete placement. The prefabricated PREPRUFE® membrane cover ensures continuity of the advanced bond technology for the PREPRUFE® System.

PREPRUFE® Tieback Cover Dimensions

203.2mm

Tieback anchor assembly maximum projection from face of wall is 203.2mm.
To allow a 100mm concrete cover, the minimum concrete wall thickness is 300mm.
Tieback head plate maximum size of 203.2mm x 203.2mm x 50mm for either cable or rod type anchors.

152.4mm

Tieback anchor assembly maximum projection from face of wall is 150mm.
To allow a 100mm concrete cover, the minimum concrete wall thickness is 250mm.
Tieback head plate maximum size of 203.2mm x 203.2mm x 50mm for either cable or rod type anchors.

AREA OF USE

The PREPRUFE® Tieback Cover can be installed over cable and rod type tieback heads. The base is mechanically fastened to the soil retention system and the cover is positioned over the base and integrated to the field membrane with PREPRUFE® Tape providing a continuous PREPRUFE® system for these difficult to detail areas.

TECHNICAL SPECIFICATIONS

Test Method	Property	Typical Value
N/A	SIZES	152.4mm & 203.2mm
N/A	SET	1 ABS Base & 1 Membrane Cover
ASTM D695-02	COMPRESSION	50.26MPa
ASTM D790-03	FLEXURAL STRENGTH	54.53MPa
ASTM D790-03	FLEXURAL MODULUS	1971.89MPa
ASTM D256 method A	IMPACT STRENGTH = 22.22°C, 50% RH	6.10N/m
ASTM D256 method	(NOTCHED IZOD) = -6.66°C, 50% RH	3.12N/m
ASTM D412	TENSILE, minimum	13.79MPa
ASTM D412	ELONGATION, minimum	1000%
ASTM E154	PUNCTURE RESISTANCE, maximum	80.28kg
ASTM D3767	THICKNESS, minimum	0.635mm
ASTM D903, modified*	PEEL ADHESION, minimum	0.056492Nm

* Concrete is cast against the protective coating surface of the membrane cover and allowed to properly cure (7 days minimum). Peel adhesion of membrane cover to concrete is measured at a rate of 50 mm per minute at room temperature.

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INSTRUCTIONS FOR USE

Surface preparation:

Concrete must be dry, clean, and free from sharp projections such as nail heads and concrete nibs.

Remove all surface imperfections, protrusions, cavities, structurally unsound and friable concrete, and repair with NURAPATCH.

Remove contaminants such as grease, oil, dust, dirt, loose stones, debris, and wax from exposed concrete.

Installation

Install PREPRUFE® Membrane within 50 mm of tieback as per standard installation instructions. Centre the base over tieback and secure base to soil retention system using appropriate fasteners. Fasteners should have a low-profile head.

Apply PREPRUFE® Tape centered over the edge of the base flange and roll firmly to form a tight seal. Remove release liner and discard.

Position the membrane cover over the base taking care to ensure the cover flange sits flat onto the PREPRUFE® Membrane.

Apply PREPRUFE® Tape centered over the edge of the cover flange and roll firmly to form a tight seal. Remove release liner and discard.

PREPRUFE® Tape should overlap onto surfaces of tape, membrane, base, cover, etc. a minimum of 50 mm.

SAFETY, STORAGE & HANDLING INFORMATION

Store indoors

TRANSPORT CLASSIFICATION

N/A

The information in this product data sheet is based on our experience and testing. It represents the latest information available at the time of printing, but no guarantee of its accuracy is made or implied, nor responsibility taken for use to which this information may be put. We reserve the right to alter or up-date information parameters and formulations at any time without notice.