

KONTABIT (Elotene)

Double-sided Self-Adhesive Membrane

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NO. 1464

Description

Elotene Kontabit is double-sided self-adhesive flexible rubberized bituminous waterproofing membrane with excellent properties.

Problem

Water ingress through into building structure due to faulty metal capping or flashing, timber balustrade cappings etc.

Solution

To provide the initial waterproof barrier layer over the substrate beneath the subsequent over-flashing.

Properties

- Rubberised bitumen compound with good stretch and seal functions.
- Double-sided adhesion provides bonding to substrate and the over-flashing.
- Self-sealing around mechanical fasteners.

Limitations

- Will deteriorate with prolonged UV exposure.
- Therefore it must be covered or encased.
- Substrate must be dry, and no dust.
- Substrate must be primed.
- Application in warm weather.

Recommended Usage

- Full width for adhering foam sheet to substrate.
- Bandage parapet capping before metal over-flashing.
- Bandage balustrade wall capping before metal or wood over-flashing.
- Bandage wall upstand and install metal over-flashing.
- Adhering bitumen membranes at wall or roof junction.
- Other uses to provide waterproof seal between two surfaces.
- To provide an improved waterproof seal around airvents, under air-conditioning unit supports, under balustrade footings etc.

Packaging

- Available in 10 metre wide rolls.
- Available in a range of widths up to 1 metre.
- Stocked in bandage size 50, 75, 100 and 150mm.
- All membranes packaged into cartons.

System

Kontabit has a very wide range of uses, all aimed at providing an improved waterproof seal.

CAPPINGS & FLASHINGS

- Kontabit provides the initial seal to prevent water ingress.
- Metal or wooden cappings or metal flashing installed.

AIRVENTS, PIPES, BALUSTRADE POST, AIR-CONDITIONING UNITS

Kontabit used in conjunction with Hitchins' membrane can provide additional seal when mechanically fastened shaped plywood is installed to improve flow of water and provide waterproof seal.

- Membrane installed to complete substrate.
- Install shaped profiled plywood or timber runner over Kontabit.
- Over flash the plywood or timber with the membrane.
- Install Airvents, pipes, balustrade posts, air-conditioning units etc over a Kontabit strip.
- Flash over with Membrane or seal around fasteners.

Note: This system is also used where feature battens are installed.

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Kontabit Elotene Double-sided Self-Adhesive Membrane

Technical Data	Characteristic	Value	Test
	Total Thickness	1.5mm	EN 1849-1
	Adhesion to Primed Concrete	> 250 N	ASTM D 1000
	Adhesion to Steel	> 250 N	ASTM D 1000
	Tensile Strength	Long. 385 N/50mm Trans. 245 N/50mm	EN 12311-1
	Elongation at Break	Long. 27.1% Trans. 46.4%	EN 12311-1
	Impact Resistance	Met. A 800mm Met B. 1000mm	EN12691
	Static Load Resistance	Met A. 10Kg Met B. 10Kg	EN 12730
	Tear Resistance	Long. 125 N Trans. 135 N	AN 12310-1
	Impermeability	> 60 Kpa	EN 1928
	Vapour Transmission Rate	60000 μ	EN 1931
	Vapour Transmission Rate	< 0.006 g/m ² /hr	ASTM E 96
	Application Temperature	+5°C / +45°C	-
	Service Temperature	-40°C / +80°C	-

Surface Preparation

- Concrete must be 28 days cured, clean and dry with no nibs or dust.
- Plywood pre-primed, dry and dust free.
- Timber pre-primed, dry and no dust.
- Metal pre-primed, dry and no dust.
- All surfaces then over-primed with Formseal Primer.

Application

- To prepare surface install Kontabit by removing release backing, press on and smooth out.
- Then remove the top release material and fit the metal flashing.
- Comprehensive installation instruction document is available for the correct procedure for the installation of Elotene Kontabit.

Associated Products

Isoltema Spa provides other products that can be used in conjunction with Elotene Kontabit such as Formseal 3000X, Formseal VWS, Formseal HD and Formseal Selftene. Obtain these dataspecs from Hitchins NZ Ltd.

Equipment & Clean Up

No special equipment is required except a sharp knife and a roller. Hitchins' Thinners No. 2 can be used to clean up Formseal Primer. Clean hands with hand-cleaner, soap and water.

Health & Safety

Kontabit is a pre-manufactured product, clean to handle and has no fumes. Primer has fumes, work in ventilated area or wear face mask. Obtain dataspec and safety sheet on primer from Hitchins New Zealand Ltd.

Compliance

Do not apply or install any Hitchins product or process to building structures that do not comply with the Building Code.

Warranty

Elotene Kontabit is covered under a Hitchins' Product Performance Warranty and used in conjunction with as per our warranty schedule.

Marketed

In New Zealand & Pacific Islands by Hitchins New Zealand Limited.