

FORMSEAL SELFTENE P

Reinforced Self-Adhesive Membrane

January 2012

NO.1453 v3

Problem

- Most self-adhesive Tanking membranes are non-reinforced, 1.5mm thick, some wrinkle, possible suspect overlap seals and can't be torch welded to.
- Some projects require a non-flame application system.

Solutions

- Formseal SELFTENE P is a 2mm polyester reinforce tanking membrane.
- Formseal SELFTENE P provides 60mm self-stick overlap complete seal.
- Hot air fused (non-flame) for total substrate adhesion and overlap seal.

Description

Formseal SELFTENE P consists of very thick elastomeric (SBS) polymer-bitumen membrane reinforced with a non-woven composite polyester fabric stabilised with fibre glass, offering high mechanical resistance and dimensional stability membrane..

The bottom adhesive face of the membrane is protected by a silicone coated film, which is removed during installation.

The top face of Formseal SELFTENE P is also protected by FLAMINA film, Selvedge edge with 60mm tackifying bitumen resin is protected with silicone coated film, removed during installation.

Features

- Polyester reinforcement within the membrane
- 2mm thick membrane against 1.5mm, therefore 33% thicker.
- 60mm selvedge edge on side of roll, protected by release film, once removed provides total bonded overlap joint.
- Release film on reverse is in two sections for improved installation.
- Can be hot air or gas torch heated for improved adhesion to substrate, particularly on cold days.
- Heat flushed seal to pipes and overlay flashing weld
- Formseal SELFTENE P can be overlaid with its self or torch-on membranes applied to upper surface for double layer membrane system.
- Excellent base sheet for gutter with split release paper for quick, easy installation.

Recommended Uses

- Waterproofing Tanking Membrane on structures into banks
- Waterproofing Tanking Membrane below ground with low water table
- Double layer of Selftene P below ground in high water table
- Single layer Selftene P with Testudo or Supertack capsheet below ground in high water table
- Base sheet in gutters
- Where no torch-on membranes (flame) can be used
- Base sheet waterproof membrane under bitumen roof shingles
- Base sheet over polystyrene foam for warm roofs
- Other possible uses, contact Hitchins New Zealand Limited

Specialty Product

Formseal SELFTENE EP is Texflamina fleece top surface finish used at perimeter of floors over polythene sheet to obtain absolute adhesion with the poured concrete foundation. Formseal SELFTENE P installed to walls down over Formseal SELFTENE EP for complete seal at critical junctions.

Surface Preparation

Substrate must be clean, dry, free from concrete splashes, dust free, misc etc. Surface primed with Formseal PRIMER, lime block surface double primed.

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Application

Obtain a written application instruction from Hitchins New Zealand Ltd or from our website.

Adhere to the instructions which is basically the following for tanking.

- 1) Plan the work, cut Formseal SELFTENE P to required lengths
- 2) Leave in sun, Install first sheet plumb level vertically or horizontally
- 3) Remove backing film and adhere to substrate
- 4) Overlap next sheet by 60mm, remove release film
- 5) Use heat if required to obtain complete seal
- 6) All corners to be double layer SELFTENE
- 7) Top edge to be heat bonded to substrate for total adhesion
- 8) Protect Formseal SELFTENE P when backfilling

Clean up

Use Barrier Cream, wash in hand cleaner and soapy water

Health & Safety

For further information, refer to Index Membranes Safety Data Sheets

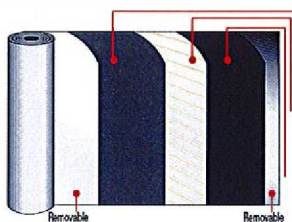
Technical Data	Certificate	Selftene Polyester 2mm	Selftene Polyester 3mm
Thickness		2mm	3mm
Roll size	(EN 1848-1)	1 x 15 m	1 x 10 m
Reinforcement		"Non-woven" composite polyester stabilised with fibreglass	"Non-woven" composite polyester stabilised with fibreglass
Watertightness	(EN 128 – B method)	60 kPa	60 kPa
Peel resistance	(EN 12316-1)	-	-
Shear resistance	(EN 12317-1)	350/300 N/50 mm	350/300 N/50 mm
Maximum tensile force Long./Trasv.	(EN 12311-1)	450/400 N/50 mm	450/400 N/50 mm
Elongation	(EN 12311-1)	40/40%	40/40%
Resistance to impact	(EN 12691-A method)	800 mm	800 mm
Resistance to static loading	(EN 12730)	10 Kg	10 Kg
Resistance to tearing (nail shank)	(EN 12310-1)	130/130 N	130/130 N
Dimension stability	(EN 1107-1)	-	-
Flexibility to low temp.	(EN 1109)	-25°C	-25°C
Flow resistance at elevated temperature	(EN 1110)	100 °C	100 °C
Reaction to fire class	(EN 13501-1)	Euroclass F	Euroclass F
External fire performance	(EN 13501-5)	F _{roof}	F _{roof}

Compliance

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

Warranty

SELFTENE P, as part of a HITCHINS process, is covered under HITCHINS Product Performance Warranty for "that" products process, as per our warranty schedule.



Elastomeric Polymer-bitumen
Reinforced Composite Pol.
Stabilised with fibreglass
Self-adhesive
elastomeric polymerbitumen



Manufactured By

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www.index-spa.com



Marketed By

In New Zealand & Pacific Islands by Hitchins New Zealand Limited

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