

Bitulen® SK374

Self-Adhesive Waterproofing Membrane



About Bitulen® SK374

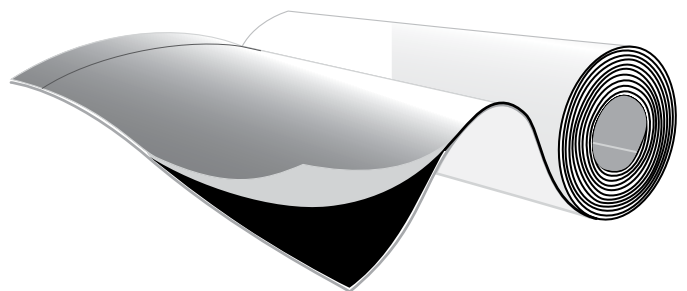
Bitulen® SK374 is a self-adhesive 1.5 mm thick preformed waterproofing membrane for use both above and below grade on concrete, brickwork and blockwork constructions to protect structures against water ingress.

Bitulen® SK374 comprises of SBS modified bitumen and a tri-laminated woven polyethylene. The underside is protected by a silicone coated release paper.

Bitulen® SK374 has a 75 mm wide selvedge marking, which permits easy installation of adjacent layers of membrane.

Bitulen® SK374 meets the requirements of Singapore Standard SS 374:1994 for preformed sheet membranes.

Bitulen® SK374 provides an effective waterproofing membrane for foundations, tunnels, floors and flat roofs. Being cold-applied, it is ideal for installation in restricted and confined spaces.



Areas of Application

- Below/on ground structures
- Concealed roof

Advantages

- Easily applied
- Self-adhesive
- Resistant to hydrostatic pressure

Installation Procedures

All surfaces should be dry, smooth, free from voids, dust, oil loose particles and sharp protrusions. Concrete should be cured before application of waterproofing membrane. Where the substrate is not smooth, it should be rendered or flush pointed to give a smooth surface.

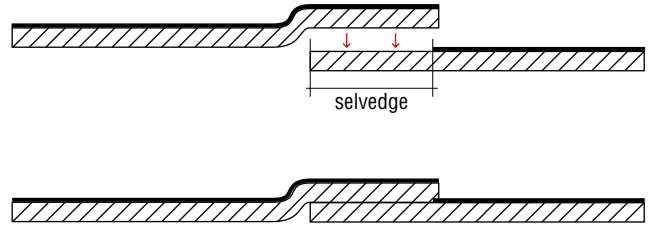
Surfaces must be primed with an approved high penetration bitumen primer and allowed to dry tack-free before installing **Bitulen® SK374**.

All inside and outside corners should be covered by first applying a 150 mm wide strip of **Bitulen® SK374** before the installation of the full width membrane.

After removing the release paper, **Bitulen® SK374** is then pressure bonded to the primed substrate. Apply pressure from the centre to prevent air being trapped. All laps must be at least 75 mm wide.

For floors, the installation of **Bitulen® SK374** should be continued up the wall to connect with the damp-proof course in the walls. An angle fillet should be placed at junction and covered with a reinforcing strip prior to installing membrane.

As with all waterproofing membranes, **Bitulen® SK374** should be protected by a screed or other protective layer immediately after installation. When hydrostatic pressure is present an external specification should be used.



Seldge marking ensures sufficient overlaps

Technical Specification

	Test Method	Typical Value
Thickness (mm)	-	1.5
Dimension		18.7m x 1m
Tensile strength (N/mm ²)	SS 374	>12.7 (long.) >7.9 (trans.)
Elongation (%)	SS 374	70% (long.) 50% (trans.)
Tensile shear at joints (N)	SS 374	>700
Resistance to leakage at joints	SS 374	Passed
Hydrostatic test	SS 374	Passed
Water vapour transmission (g/m ² /hr)	SS 374	0.33
Water absorption (%)	SS 374	0.2%
Dimension stability (%)	SS 374	0.4 (long) 0.3 (trans.)
Cold temperature flexibility	ASTM D5147	-30

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