**DESCRIPTION**

**abe® peel & stick membrane** is a universal, self-adhesive waterproofing membrane comprising of a unique ethylene polymer modified bitumen. An exposed spunbond, non-woven, polypropylene fabric has been incorporated in this product rendering the product resistant to alkali solutions and further allows the use of both cementitious and acrylic systems if required without degrading the membrane.

**USES**

- Counterflashing for:
  - Parapets
  - Between wall and roof or torch applied membranes
  - Full-bore waterproofing, pipe extrusion detailing
  - Under windowsills, damp course flashing
  - Low thresholds that do not accommodate multi-layer built up systems
  - Skylights and gargoyle detailing
- Where naked flames are prohibited like torch applied systems
- Under tiling on balconies to receive tile adhesive and tiling
- Waterproofing walls, floors, patio’s and balconies
- Wet areas, kitchens, bathrooms and showers

**ADVANTAGES**

- Highly flexible membrane
- Easy to apply no special equipment required, just measure, cut, peel and stick
- Accommodates limited movement
- Excellent adhesion to most primed substrates
- Quick turnaround time
- Withstands 1 metre positive hydrostatic head pressure
- Easily top coated with cementitious waterproofing coating like dura.*flex or super laycryl, abe.*proof PU eco or a high quality exterior water based acrylic paint to match the surrounding structure.

**TYPICAL PHYSICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Black with exposed blue polypropylene membrane</td>
</tr>
<tr>
<td>Nominal weight of fibre fabric</td>
<td>100 g/m²</td>
</tr>
<tr>
<td>UV stability of fibre</td>
<td>stable</td>
</tr>
<tr>
<td>Adhesion to wood</td>
<td>1.3 MPa</td>
</tr>
<tr>
<td>Adhesion to concrete/screed/ceramic</td>
<td>1.4 MPa</td>
</tr>
<tr>
<td>Adhesion to torchon membrane</td>
<td>1.3 MPa</td>
</tr>
<tr>
<td>Nominal thickness of bitumen</td>
<td>1.93 mm</td>
</tr>
<tr>
<td>Nominal thickness</td>
<td>2.03 mm</td>
</tr>
<tr>
<td>Nominal weight per m²</td>
<td>2.15 kg/m²</td>
</tr>
<tr>
<td>Resistance to water and vapour transmission</td>
<td>Excellent</td>
</tr>
<tr>
<td>Bitumen compound complies with SANS 4001 BT1:2014 edition 1.2</td>
<td></td>
</tr>
</tbody>
</table>

**SURFACE PREPARATION**

The surface needs to be clean, sound, dust free, dry and free of, grease, oils, laitance, friable matter, algae and contaminants that may impair the bonding properties of the membrane.

All surface must be smooth and without sharp protrusions that may puncture the membrane, in the case of concrete, screeds or mortars a minimum of a fine wood float finish is required.

**PRIMING**

Prime all prepared surfaces using bitu.*prime and allow it to dry. Practical coverage rate is 5 m²/litre, but depending upon surface texture and porosity. It is recommended that all surfaces are primed to enhance adhesion.

**APPLICATION**

The **abe® peel & stick membrane** release paper should only be removed just prior to application.

Where required ensure all inside and outside corner detailing is completed first.

Carefully apply the membrane whilst you remove the release paper and by hand firmly press the **abe® peel & stick membrane** onto the prepared primed surface ensuring that there are no creases or air bubbles present and that it is fully bonded to the substrate.

Side and end laps are to be a minimum of 50 mm for 150 mm and 300 mm wide rolls. For 600 mm wide rolls, side laps are to be a minimum of 50 mm and end laps 100 mm.

Note: Should colder ambient temperatures be experience then gently warm up the the membrane with a suitable hot air gun, this will improve the flexibility of the membrane to assist in placement thereof and also increase the tackiness of the
**DETAILING GUIDE**

Internal corner:

External corners:

Headwall:

Sidewall:

**CLEANING**

Clean equipment with abe® super brush cleaner followed by soap and water. Ensure all soap has been rinsed off with clean water.

**MODEL SPECIFICATION**

abe® peel & stick membrane self-adhesive bitumen membrane embedded with spunbond non-woven polypropylene fabric for waterproofing under tiles for balconies, showers, wet room areas, sealing and counter flashing of bitumen torch-on waterproofing membranes which once applied can be coated with abe®proof PU eco, super laycryl, abe®silvakote eco. Primer: bitu.*prime.

**PACKAGING**

abe® peel & stick membrane supplied in:
- Roll 10 m X 150 mm (code: 06792118)
- Roll 10 m X 300 mm (code: 06792247)
- Roll 10 m X 600 mm (code: 14814001)

**HANDLING AND STORAGE**

Always ensure that the correct personal protective equipment is used, goggles, gloves and appropriate clothing.

Sealed unused containers should be stored in a cool dry environment below 25 °C.

abe® peel & stick membrane has a 6 month shelf life in unopened containers stored in dry cool conditions (20-25 °C).

**HEALTH AND SAFETY**

When applying bitu.*prime, ensure that appropriate hand and eye protection is used. Always ventilate the working area well during application and drying. Avoid flames in the vicinity. If material is splashed into the eyes wash with clean water and seek medical advice.

The abe® peel & stick membrane membrane is inert and harmless.

The safety data sheet is available from your local a.b.e.*Construction Chemicals sales representative.

**IMPORTANT NOTE**

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst a.b.e.* Construction Chemicals endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot – because a.b.e.* has no direct or continuous control over where and how a.b.e.* products are applied – accept any liability either directly or indirectly arising from the use of a.b.e.* products, whether or not in accordance with any advice, specification, recommendation, or information given by the company.

**FURTHER INFORMATION**

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements. a.b.e.* Construction Chemicals has a wealth of technical and practical experience built up over years in the company’s pursuit of excellence in flooring and concrete technology.