

E-A-B Associates (Bayley-Edge Ltd.)

3 Craven Court, Craven Rd., Altrincham, Cheshire, WA14 5DY, England

Tel.(0)161-926 9077, Fax (0)161-927 7718, e-mail all@eabassoc.co.uk <http://www.eabassoc.co.uk>

EABASSOC

PRODUCT INFORMATION

100 PE Cross Laminated Self-Adhesive Membrane

Description

100 PE is constructed from an oriented, cross-laminated high density polyethylene sheeting, coated with a bitumen polymer adhesive compound. It provides a robust membrane for clean and easy application, has very high adhesion to primed surfaces and to itself at the overlap. Heavy duty, extremely tough, yet flexible product with a low vapour transmission rate and high puncture resistance.

Being a factory made sheet, it provides a reliable watertight barrier of uniform thickness, which should last the life of the building if correctly installed. Unlike conventional sheet membranes, **100 PE** does not require hot bitumen adhesive or heat melting (“torching”).

Uses

100 PE is used as a damp-proof and waterproofing membrane. Primarily for internal and external tanking, solid floors, roofs and underground structures. Being water and vapour resistant **100 PE** prevents the ingress of water and water borne aggressive salts, such as chlorides and sulphates into concrete structures. Its other many uses include:

- * Foundations
- * Service Reservoir Roofs
- * Car Parks
- * Lift shafts and pits
- * Roof and Plaza decks
- * Basements
- * Subways
- * Bathrooms and balconies

Technical Data

Appearance:	Solid. A laminate of Polyolefin, Rubber Modified Bitumen Compound and Release Liner
Total Thickness:	1.50mm
Backing Thickness:	0.10mm
Backing Type:	HDPE
Backing colour:	Black/Blue
Adhesive Thickness:	1.40mm
Weight/Unit Area:	1.7 Kg/m ²
Membrane Strength ASTM D1000:	5.0 N/mm
Elongation ASTM D1000:	300%
Puncture Resistance ASTM E154:	230N
Adhesion (180°C Peel) ASTM D1000 (24hr):	4.0 N/mm
Water Vapour Transmission ASTM E96:	0.30g/m ² /24 hours
Water Penetration Joint % Moat 27.5.1.4:	Nil
Dimensional Stability:	
Moat 27.5.1.6(70°C): Longitudinal:	-0.1%
Moat 27.5.1.6(70°C): Lateral:	-0.2%

Warehousing

Packaging: Packed in cardboard containers.
Carton Size: 1050mm x 19.05m
Carton Weight: 35 Kg

Storage: The rolls should be stacked on end and stored undercover between 5°C and 30°C

Shelf Life: 12 months if correctly stored.

Health and Safety

100 PE is non-hazardous and presents no risk providing normal standards of good industrial hygiene are followed.

All EABASSOC product information is given in good faith, and every effort is made to ensure that it is accurate at time of issue. It is however, the responsibility of the customer to ensure that the products are suitable for the required purpose, and if in doubt sample orders should be taken for trial purposes.