



PROTAN D 1,8

Product Description:

Protan D 1,8 is a high quality homogeneous thermoplastic waterproofing membrane. Protan D 1,8 contains stabilizers, which makes the product resistant to high and low temperatures, UV-resistant.

Application Areas:

Protan D1,8 is primarily used for detailing of all types of Protan PVC roof and waterproofing membrane systems.

Characteristics / Benefits:

- The membrane has a textured surface.
- The membrane is welded together using hot air which provides a homogenous joint.
- Installation is safe without the use of an open flame.
- Weather independent installation.
- The Protan D membrane has good elongation properties and is though that well suited for detail work.
- The Protan D membrane can be recycled and has a low carbon footprint.

Table 1: Product properties Protan D

PROPERTY	VALUE	UNIT	EN 13953 - TEST METHOD
Thickness	1,8 (± 5 %)	mm	EN1849-2
Tensile strength L/T	≥ 15	N/mm	EN12311-2(A)
Elongation L/T	≥ 300	%	EN12311-2(A)
Tear strength (trapezoidal)	≥ 500	N/50mm	EN12310-2
Foldability at low temperature	≤ -25	°C	EN495-5
Resistance to impact – hard substrate	≥ 300	mm	EN1269(A)
Water tightness	400 kPa/72h		1928:2000 (A)
Reaction to fire	Class E		EN13501-1

Colours and Protan colour codes:

COLOUR:	Light grey, F91	Dark Grey, F94
Protan colour code		

Dimensions / packaging: Protan D 1,8

Width:	1m
Length:	10m

PRODUCT DATA SHEET

Health, Environment & Safety:

There is no requirement for a material safety data sheet according to EC-regulation 1907/2006, article 31. The product does not harm the environment when used as specified.

Environment:

Protan D contains no substances which are listed on REACH/ ECHA's (European Chemicals Agency) candidate list.

The membrane contains no priority environmental pollutants or other relevant substances in quantities considered to be hazardous to health and the environment.

Leaching from the product is assessed to not adversely affect soil, ground water or drinking water.

Installation details:

Installation must be carried out by a Protan Authorised Roofing Contractor. The membrane is welded using hot air and shall be installed according to the Protan Technical Installation Manual and associated Protan Technical Information Sheets.

Storage:

Protan membrane should be kept dry with the rolls placed on pallets and protected at the building site with tarpaulins or similar.

Approvals:**EN13956:2012-1213**