



	 Declaration of conformity with EN 13956
Name of the material	<b>Protan SE Membrane</b> Thickness 1,2mm; 1,5mm; 1,6mm; 1,8mm; 2,0mm
Name and address of the producer	Protan AS P.O. Box 420-3002 Drammen Norway
Description of the material	PROTAN SE Membrane is comprised of three basic components which combined together make for tight, homogenous material: - upper side produced from elastic PVC with anti-slippery, structural surface - core made of polyester fabric - lower side produced from PVC in dark colour.
Use	Protan SE Membrane is assigned for installation of single-ply roof coverings on the concrete, steel and wooden surface, as well as on thermal insulation. Protan SE Membrane can be installed on old bitumen roof coverings using the separation layer of geofleece. Protan SE Membrane is installed to the deck using mechanic fasteners
Conditions of use	Use of Protan SE membrane should take place according to the technical project drawn according to the binding construction and technical rules, taking into the consideration recommendations set in the technical instructions of the producer.
Number of certificate of the Production Control	1071- CPD - 1142
Mark and seating of the notifying unit	Notification No 1071 Norwegian Building Research Institutet; P.O.Box 123 Blindern, NO-0314 Oslo



Declared characteristics of the product

No.	Characteristics	Test method	J.M.	Value or definition. Tolerance
1	Visible faults	EN 1850-2	---	Product without visible faults
2.	Length (*)	EN 1848-2	m	20 +2%/-0%
3.	Width (*)	EN 1848-2	m	1m and 2m ±2%
4.	Rectlineal feature straightness	EN 1848-2	mm	≤30
5	Thickness	EN 1849-2	mm	1,2 -5%/+10% 1,5 -5%/+10% 1,6 -5%/+10% 1,8 -5%/+10% 2,0 -5%/+10%
6	Impermeability Watertightness	EN 1928 Method A	kPa	Tight
7	Tensile strength - longitudinal - crosswise	EN 12311-2 Method A	N/50mm	≥1050 ≥1050
8	Resistance to static load	EN 12730 Method A	Kg	≥20
9	Resistance to impact	EN 12691:2006	mm	1,2 ≥450 1,5 ≥600 1,6 ≥600 1,8 ≥700 2,0 ≥800
10	Tearing strength	EN 12310-2	N	≥210
11	Peel resistance of joints	EN 12316-2	N/50mm	≥150
12	Shear resistance of the joint	EN 12317-2	N/50mm	≥1000
13	UV radiation, increased temperature and water resistance	EN 1297	----	OK
14	Resistance to bending in low temperature	EN 495-5	°C	≤-30
15	Hail Resistance	EN 13583	m/s	≥ 17
16	Dangerous substances			See Annex C of EN 13956
17	Reaction to fire According to EN 13501-1			OK
18	External fire performance According to EN 13501-5	ENV 1187:2002 test 1, test 2, test 3,		Class B <sub>ROOF</sub> t1, t2, t3

(\*) There is possibility of production of membrane with a different lenght and/ or width

*Dege Jannerud*

Protan as, 2010