SINTEF

Product Certificate

No. 1706

SINTEF Building and Infrastructure certifies that

Protan PVC coated textiles

are found to be in conformity with the requirements of EN 13501-1:2007+A1:2009, with conditions given in appendix 1, 2, 3 and 4 of this certificate.

Certificate holder:

Protan AS
P.O.Box 420 Brakerøya
NO-3002 Drammen, Norway

Factory:
Protan AS
Drammen, Norway

Issued 12.09.2012
Updated 28.09.2023
Valid until 01.11.2023
(Valid provided the certificate is listed on www.sintefcertification.no)

The product is subject to production control in accordance with the requirements of EN ISO/IEC 17020

Anne-Jorunn Enstad

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Appendix 1 for SINTEF Product certificate no. 1706

PVC coated textile, quality 404

PVC coated textile can be used as tent canvases for frame supported, or air inflated constructions requiring reaction to fire class B-s2, d0 according to NS-EN 13501-1:2007+A1:2009. The product is made of polyester covered by PVC.

Table 1
Product description of PVC coated textile.

Product quality	Nominal square density, kg/m^2	Nominal thickness mm	Surface	Reaction to fire class
404	0.550 – 0.600	0.50 – 0.55	Not varnised	B-s2, d0

The product must be mounted at least 80 mm from the substrate. Substrates with reaction to fire class A2-s1, d0 and A1 can be used.

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Appendix 2 for SINTEF Product certificate no. 1706

PVC coated textile, quality 407 / 707

PVC coated textile can be used as tent canvases for frame supported, or air inflated constructions requiring reaction to fire class B-s2, d0 according to NS-EN 13501-1:2007+A1:2009. The product is made of polyester covered by PVC.

Table 2
Product description for PVC coated textile.

Product quality	Nominal square density, kg/m^2	Nominal thickness, mm	Surface	Reaction to fire class
407	0.635 – 0.685	0.47 – 0.57	Not varnished	B-s2, d0
707	0.635 – 0.685	0.47 – 0.57	Varnished	B-s2, d0

The product must be mounted at least 80 mm from the substrate. Substrates with reaction to fire class A2-s1, d0 and A1 can be used.

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Appendix 3 for SINTEF Product certificate no. 1706

PVC coated textile, quality 453 / 753

PVC coated textile can be used as tent canvases for frame supported, or air inflated constructions requiring reaction to fire class B-s2, d0 according to NS-EN 13501-1:2007+A1:2009. The product is made of polyester covered by PVC.

Table 3
Product description for PVC coated textile.

Product quality	Nominal square density, kg/m^2	Nominal thickness, mm	Surface	Reaction to fire class
453	0.675 – 0.725	0.55 – 0.60	Not varnished	B-s2, d0
753	0.675 – 0.725	0.55 – 0.60	Varnished	B-s2, d0

The product must be mounted at least 80 mm from the substrate. Substrates with reaction to fire class A2-s1, d0 and A1 can be used.

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Appendix 4 for SINTEF Product certificate no. 1706

PVC coated textile, quality 480 / 780

PVC coated textile can be used as tent canvases for frame supported, or air inflated constructions requiring reaction to fire class B-s3, d0 according to NS-EN 13501-1:2007+A1:2009. The product is made of polyester covered by PVC.

Table 4
Product description for PVC coated textile.

Product quality	Nominal square density, kg/m^2	Nominal thickness, mm	Surface	Reaction to fire class
480	0.875 – 0.925	0.70 – 0.80	Not varnished	B-s3, d0
780	0.875 – 0.925	0.70 – 0.80	Varnished	B-s3, d0

The product must be mounted at least 80 mm from the substrate. Substrates with reaction to fire class A2-s1, d0 and A1 can be used.

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