

DECLARATION OF PERFORMANCE

DOP-2021B-03



1. Unique identification code of the product-type:
2021B DuPont™ Tyvek® Trifecta™
2. Intended use/es:
Application: Flexible sheets for water proofing – Part 1: Underlays for discontinuous roofing EN 13859-1: 2010
Application: Flexible sheets for water proofing – Part 2: Underlays for walls EN 13859-2: 2010
3. Manufacturer:
DuPont (UK) Limited
HERE,
470 Bath Road, Arnos Vale,
Bristol, BS4 3AP
4. Authorised representative:
5. System/s of AVCP:
System 3
- 6a. Harmonised standard:
EN 13859-1:2010 & EN 13859-2:2010
Notified body/ies:
KIWA TBU DE (NB 0799) / HOCH (NB 1508)
7. Declared performance/s:
Harmonised technical specification EN 13859-1:2010 & EN 13859-2:2010

Essential characteristics			Performance		
PROPERTY	METHOD	UNITS	NOMINAL	MINIMUM	MAXIMUM
Water vapour transmission (sd)	EN ISO 12572 (C)	m	0,08	0,05	0,11
Flexibility at low temperature	EN 1109	°C	-	-	-40
Water tightness	EN 1928 (A)	class	W1	-	-
Reaction to fire	EN 13501-1	class	A2-s1, d0*	-	-
Maximum tensile force (MD)	EN 12311-1	N/50mm	4000	2000	6000
Elongation at max. tensile force (MD)	EN 12311-1	%	5	2	8
Maximum tensile force (XD)	EN 12311-1	N/50mm	3500	1000	6000
Elongation at max. tensile force (XD)	EN 12311-1	%	5	2	8
Resistance to tearing MD (nail shank)	EN 12310-1	N	800	400	1200
Resistance to tearing XD (nail shank)	EN 12310-1	N	800	400	1200
Artificial ageing by UV and heat:	EN 1297 & EN 1296	residual value			
Water tightness	EN 1928 (A)	class	W1	-	-
Maximum tensile force (MD)	EN 12311-1	%	90	-	-
MD elongation at max. tensile force	EN 12311-1	%	90	-	-
Maximum tensile force (XD)	EN 12311-1	%	90	-	-
XD elongation at max. tensile force	EN 12311-1	%	90	-	-

*Installed on mineral board with EN 13501-1 fire class A1 and A2-s1,d0 in combination with the use of DuPont™ AirGuard® FR system tape (1310FR) to seal the overlaps. Further specifications are detailed in the classification report which can be requested from a DuPont sales representative or by sending an email to: tyvek.construction@dupont.com. The product mentioned above, in our opinion, fulfils the criteria of being classified as 'article' (REACH, Art. 3.3). There are no substances intended to be released from this product under normal or reasonably foreseeable conditions of use. The above article to our current knowledge does not contain substances, above the legal threshold, that are on the 'Candidate List' of Substances of Very High Concern (SVHC) as published on the ECHA website.

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Luxembourg, 06/06/2024


Paul MEYERS
Managing Director & Works Director
DuPont de Nemours (Luxembourg) S.à r.l.