

# DECLARATION OF PERFORMANCE

DOP-2018M-01

1. Unique identification code of the product-type:  
2018M e-Guard W1
2. Intended use/es:  
Application: Flexible sheets for water proofing – Part 2: Underlays for walls  
EN 13859-2
3. Manufacturer:  
DuPont de Nemours (Luxembourg) S.à r.l.  
Rue General Patton, L-2984 Luxembourg
4. Authorised representative:  
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5. System/s of AVCP:  
System 3
- 6a. Harmonised standard:  
EN 13859-2:2010  
Notified body/ies:  
SGS INTRON NL (NB 1939)
7. Declared performance/s:  
Harmonised technical specification EN 13859-2:2010

Essential characteristics			Performance		
PROPERTY	METHOD	UNITS	NOMINAL	MINIMUM	MAXIMUM
Water vapour transmission (sd)	EN ISO 12572 (C)	m	0,05	0,02	0,08
Flexibility at low temperature	EN 1109	°C	-	-	-40
Water tightness	EN 1928 (A)	class	W1		
Reaction to fire	EN ISO 11925-2	class	E	-	-
Maximum tensile force (MD)	EN 12311-1	N/50mm	320	260	380
Elongation at max. tensile force (MD)	EN 12311-1	%	16	11	21
Maximum tensile force (XD)	EN 12311-1	N/50mm	310	250	370
Elongation at max. tensile force (XD)	EN 12311-1	%	19	13	25
Resistance to tearing MD (nail shank)	EN 12310-1	N	60	40	80
Resistance to tearing XD (nail shank)	EN 12310-1	N	55	35	75
Artificial ageing by UV and heat:	EN 1297 & EN 1296	residual value			
Water tightness	EN 1928 (A)	class	W1	-	-
Maximum tensile force in MD	EN 12311-1	%	90	-	-
MD elongation at max tensile force	EN 12311-1	%	80	-	-
Maximum tensile force in XD	EN 12311-1	%	90	-	-
XD elongation at max tensile force	EN 12311-1	%	80	-	-

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, 25/05/2018

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