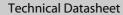
DuPont™ AirGuard® 5816X





Application: Plastic and rubber vapour control layers EN 13984: 2013

Style name 5816X Language English

Type of carrier Glass fibre and aluminium composite

METHOD	UNITS	NOMINAL	MINIMUM	MAXIMUM
-	-	A	-	-
FUNCTIONALITY: WATER V	APOR AND AIR TIGHTN	ESS		'
EN 1931 (23-0/75)	m	4900	1500	-
EN 1931 (23-0/75)	kg / (m² s)	0,866E-10	-	2,72E-10
on basis of BS3177	MNs/g	24000	7500	-
EN 15976	-	0,05	-	-
EN ISO 6946	m ² K / W	-	-	0,66
EN ISO 6946	m² K/W	-	-	0,45
-	°C	-	-20	+100
EN 1931	pass / no pass	pass	-	-
ISO 5636/3	ml/min	0	-	-
ISO 5636/5	S	-	>2000	
PHYSICAL AND MECH	IANICAL PROPERTIES			
EN 1849-2	g/m²	165	155	175
EN 1849-2	mm	0,15	-	-
EN 1928 (A)	pass / no pass	pass		
EN13501-1	class	A2-s1, d0*	-	-
EN 12311-2	N/50mm	800	700	-
EN 12311-2	%	4	2.5	-
EN 12311-2	N/50mm	800	700	-
EN 12311-2	%	4	2.5	-
EN 12310-1	N	170	140	-
EN 12310-1	N	150	120	-
ADDITIONAL	PROPERTIES			
EN 1848-2	deviation in %	0	0	-
EN 1848-2	deviation in %	0	-0,5	+1,5
EN 1848-2	mm/10m	-	-	75
EN 12691	mm	(+)	-	-
EN 12317-2	N/5cm	-	150	-
EN 12311-2	pass / no pass	(+)	-	-
EN 12311-2	pass / no pass	(+)	-	-
	FUNCTIONALITY: WATER V. EN 1931 (23-0/75) EN 1931 (23-0/75) on basis of BS3177 EN 15976 EN 150 6946 EN ISO 6946 EN ISO 6946 EN 1931 ISO 5636/3 ISO 5636/5 PHYSICAL AND MECHEN 1849-2 EN 1849-2 EN 1849-2 EN 12311-2 EN 12310-1 EN 12310-1 EN 1848-2 EN 1848-2 EN 1848-2 EN 1848-2 EN 1848-2 EN 12517-2 EN 12517-2 EN 12517-2	FUNCTIONALITY: WATER VAPOR AND AIR TIGHTN EN 1931 (23-0/75) m EN 1931 (23-0/75) kg / (m² s) on basis of BS3177 MNs/g EN 15976 - EN 15976 - EN 150 6946 m² K / W EN 150 6946 m² K / W - °C EN 1931 pass / no pass ISO 5636/3 ml/min ISO 5636/5 s PHYSICAL AND MECHANICAL PROPERTIES EN 1849-2 g/m² EN 1849-2 mm EN 1928 (A) pass / no pass EN 1928 (A) pass / no pass EN 12311-2 N/50mm EN 12311-2 % EN 12311-2 % EN 12311-1 N EN 12310-1 N EN 12310-1 N EN 12310-1 N EN 12310-1 N EN 1848-2 deviation in % EN 1848-2 mm/10m EN 12691 mm EN 12691 mm EN 12311-2 N/5cm	FUNCTIONALITY: WATER VAPOR AND AIR TIGHTNESS EN 1931 (23-0/75) m 4900 EN 1931 (23-0/75) kg / (m² s) 0,866E-10 on basis of B53177 MNs/g 24000 EN 15976 - 0,05 EN 15976 - 0,05 EN ISO 6946 m² K / W - EN 1931 pass / no pass pass ISO 5636/3 ml/min 0 ISO 5636/5 s - PHYSICAL AND MECHANICAL PROPERTIES EN 1849-2 mm 0,15 EN 1928 (A) pass / no pass pass EN 13501-1 class A2-s1, d0* EN 12311-2 N/50mm 800 EN 12311-2 N/50mm 800 EN 12311-2 % 4 EN 12311-2 % 4 EN 12311-2 % 4 EN 12310-1 N 170 EN 12310-1 N 150 ADDITIONAL PROPERTIES EN 1848-2 deviation in % 0 EN 1848-2 deviation in % 0 EN 1848-2 mm/10m - EN 12691 mm (+) EN 12317-2 N/5cm - EN 12317-2 N/5cm -	FUNCTIONALITY: WATER VAPOR AND AIR TIGHTNESS EN 1931 (23-0/75) m

Effective date: 19/03/2020 First CE: 19/03/2020

DuPont de Nemours (Luxembourg) S.à r.l. Rue General Patton, L-2984 Luxembourg

Tel +352 3666 5885

tyvek.info@dupont.com www.construction.tyvek.com Some test methods are modified according to the EN 13984:2013 and/or according to the DuPont ISO 9001:2015 certified quality system (for details please contact your regional DuPont representative). All values are based on roll average. This information corresponds to our current knowledge on the subject. It is offered in accordance with REGULATION (EU) No 305/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC. It is not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for any application other than the application as specified herein. This information may be subject to revision as new knowledge and experience becomes available. Since we cannot anticipate all variations in actual end-use conditions, DuPont makes no warranties and assumes no liabilities in connection with any use of this information for applications other than the application as specified herein. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right. Product safety information is available on request. This data sheet is a printed document and is valid without signature.



^{(*):} No Performance Determined