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Date
7 May 2013

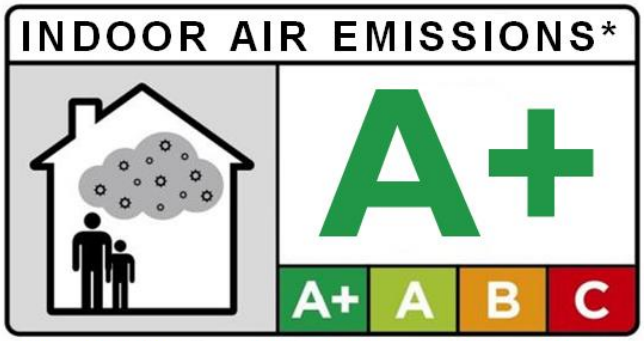
VOC emissions test report

1. Information about the sample

Identification of sample	TEXGUARD
Product type	Protection product
Batch number	120620
Date of manufacture	20/06/2012
Date received	20/02/2013
Test period (start-end)	05/03/2013 - 02/04/2013

2. Conclusion re: VOC emissions labelling class.

This recommendation is based on French regulation of 23 March 2011 (decree DEVL1101903D) and 19 April 2011 (order DEVL1104875A). For more information, visit our site www.eurofins.com/france-voc.



** Information about the release into the air in an indoor environment of volatile substance that may be toxic on inhalation, on a scale from A+ (very low emissions) to C (large emissions).*

The product's VOC emissions class is indicated without explicitly taking into account the uncertainty associated with the result. Under decree No. 2011-321 of 23 March 2011, the indication of the VOC emissions class is the sole responsibility of the natural or legal person who puts the product on the French market.

The results relate solely to the sample(s) tested.
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3. Test method

Method	Principle	Parameters	Limit of quantification	Uncertainty
ISO 16000 parts -3, -6, -9, -11 Internal methods used: 9810, 9811, 9812, 2808, 8400	GC/MS HPLC/UV	VOCs Volatile aldehydes	2 µg/m^3 3 µg/m^3	22% (RSD) Um = 2 x RSD= 45%

Test parameters in the emissions chamber					
Chamber volume, L	119	Temperature, °C	23 ± 1	Relative humidity, %	50 ± 5
Rate of air renewal, L/h	0.5	Load factor, m^2/m^3	1		
Test conditions: The sample remains in the emissions chamber throughout the 28 days of tests.					
Preparation of sample					
Coverage (g/m^2):	49	Number of coats	1	Drying time (h):	-

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4. Results

	Concentration after 28 days µg/m^3	C	B	A	A+
TVOCs	870	>2000	<2000	<1500	<1000
Formaldehyde	<3	>120	<120	<60	<10
Acetaldehyde	<3	>400	<400	<300	<200
Toluene	<2	>600	<600	<450	<300
Tetrachloroethylene	<2	>500	<500	<350	<250
Ethylbenzene	<2	>1500	<1500	<1000	<750
Xylene	<2	>400	<400	<300	<200
Styrene	<2	>500	<500	<350	<250
2-Butoxyethanol	<2	>2000	<2000	<1500	<1000
1,2,4-Trimethylbenzene	<2	>2000	<2000	<1500	<1000
1,4-Dichlorobenzene	<2	>120	<120	<90	<60

< Means less than
> Means greater than

Pascal Ge
Head of Analysis Department

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