



Report No. G17691F

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VOC Emissions Test report

1. Sample Information

Sample identification	ResiFix VYSF
Product type	Sealant
Batch no.	-
Production date	-
Date when sample was received	26/10/2012
Testing (start - end)	31/10/2012 - 28/11/2012

2. Resulting VOC Emissions Class Label

This recommendation is based on French regulation of March 23, 2011 (décret DEVL1101903D) and of April 19, 2011 (arrêté DEVL1104875A). For details please see www.eurofins.com/france-voc



The product was assigned a VOC emission class without taking into account the measurement uncertainty associated with the result. As specified in French Decree no. 2011-321 of March 23, 2011, correct assignment of the VOC emission class is the sole responsibility of the party responsible for distribution of the product in the French market.

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3. Test Method

Method		Principle	Parameter		Quantification limit	Uncertainty				
ISO 16000 parts -3, -6, -9, -11		GC/MS	VOC		2 μg/m³	22% (RSD)				
Internal method numbers: 9810, 9811, 9812, 2808, 8400		HPLC/UV	Volatile alde- hydes		3 µg/m³	Um = 2 x RSD= 45 %				
Test chamber parameter										
Chamber volume, I	119	Temperature, °C		23±1	Relative humidity, % 5		50±5			
Air change rate, 1/h	0.5	Loading ratio, m²/m³		0.007						
Test condition: Sample stayed in test chamber during the whole 28 days testing period.										
Sample preparation										
Thickness, mm		3								

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4. Results

	Concentration after 28 days µg/m³	С	В	A	A+
TVOC	74	>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
Trimethylbenzene	<2	>2000	<2000	<1500	<1000
1,4-Dichlorobenzene	<2	>120	<120	<90	<60

Means less than

Thomas Neuhaus

Head of product emission test centre

Means higher than