

Mungo Befestigungs AG

Bornfeldstr. 2

4603 Olten Switzerland



Eurofins Product Testing A/S Smedeskovvej 38 8464 Galten Denmark

voc@eurofins.com www.eurofins.com/voc-testing

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# **VOC Emissions Test report**

## 1. Sample Information

Sample identification	MIT 600 RE
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



Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très tables émissions) à C (fortes émissions).

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.





## 3. Test Method

Method		Principle	Parar	neter	Quantification limit	Uncer	tainty				
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, m <sup>2</sup> /m <sup>3</sup>		0.007							
Test condition: Sample stayed in test chamber during the whole 28 days testing period.											
Sample preparation											
Thickness, mm	3										





# 4. Results

	Concentration after 28 days µg/m³	С	В	A	A+
TVOC	<2	>2000	<2000	<1500	<1000
Formaldehyde	<3	>120	<120	<60	<10
Acetaldehyde	3.9	>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

> Means higher than

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Thomas Neuhaus Head of product emission test centre