

# VOC Emissions Test report

Dansk Wilton A/S

Højskolevej 3, Birk  
7400 Herning  
Denmark

Eurofins Product Testing A/S  
Smedeskovvej 38  
8464 Galten  
Denmark

[voc@eurofins.com](mailto:voc@eurofins.com)  
[www.eurofins.com/voc-testing](http://www.eurofins.com/voc-testing)

Date  
17/04/2012

Your ref.

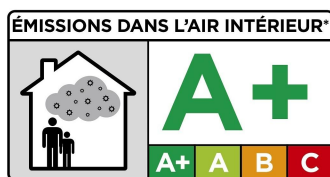
-

## 1. Sample Information

Sample identification	DW Contract Colortec/Graffic
Product type	Flooring
Batch no.	21750-1
Production date	6/2-2012
Date when sample was received	15/02/2012
Testing (start - end)	02/03/2012 - 30/03/2012

## 2. Resulting VOC Emissions Class Label

This recommendation is based on French regulation as published on 25 March 2011 (décret DEVL1101903D) and on 13 May 2011 (arrêté DEVL1104875A). For details please see [www.eurofins.com/france-voc](http://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 faibles émissions) à C (fortes émissions).

## 3. Conclusion on CMR emissions

The tested product fulfills the requirements of the French regulation DEVP0908633A of 30 April 2009 and DEVP0910046A of 28 May 2009. For details please see [www.eurofins.com/france-voc](http://www.eurofins.com/france-voc).

The results are only valid for the tested sample(s).

This report may only be copied or reprinted in its entirety, parts of it only with a written acceptance by Eurofins.

#### 4. Test Method

Method	Principle	Parameter	Detection limit	Uncertainty	
ISO 16000 parts -3, -6, -9, -11 Internal method numbers: 9810, 9811, 9812, 2808, 8400	GC/MS HPLC/UV	VOC Volatile aldehydes	5 µg/m <sup>3</sup> 5 µg/m <sup>3</sup>	22% (RSD) Um = 2 x RSD= 45 %	
<b>Test chamber parameter</b>					
Chamber volume (L):	119	Temperature (C):	23	Relative humidity (%):	50
Air change rate (per hour):	0.5	Loading ratio(m <sup>2</sup> /m <sup>3</sup> )	0.4		
<b>Test condition: Sample stayed in test chamber during the whole 28 days testing period.</b>					
<b>Sample preparation</b>					
Edges and back covered with aluminum foil and tape					

## 5. Results

	Concentration after 28 days $\mu\text{g}/\text{m}^3$	C	B	A	A+
TVOC	17	>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
<b>CMR compounds</b>		Maximum allowed air concentration			
Benzene	<1			<1	
Trichloroethylene	<1			<1	
Dibutylphthalate (DBP) *	<1			<1	
Diethylhexylphthalate (DEHP) *	<1			<1	

< Means less than

> Means higher than

\* Not a part of our accreditation (EN ISO/IEC 17025:2005) by DANAK (no. 522)



Thomas Neuhaus  
Head of product emission test centre



Søren Ryom Villadsen  
Analytical Service Manager

The results are only valid for the tested sample(s).

This report may only be copied or reprinted in its entity, parts of it only with a written acceptance by Eurofins.