

## Evaluation according to AgBB 2018

### ULY-006839-1

#### 1. General Information

<b>Testing laboratory</b>	WESSLING
<b>Responsible laboratory staff</b>	Caroline Donjon
<b>Number of the test report</b>	ULY-006839-1
<b>Client/Applicant</b>	SIDAC SARL SOCIETE NOUVELLE
<b>Name of the product and material number</b>	FIBRITE
<b>Control type</b>	Other
<b>Date of batch production</b>	2018-11-19
<b>Date of receipt of the sample</b>	2019-02-11
<b>Storage of the sample until testing</b>	saved for contamination
<b>Product Group</b>	Other Products

**Description of the construction product:**

Parameter	Manufacturer	Laboratory
<b>General description of the product</b>	FIBRITE	FIBRITE
<b>Total thickness</b>		
<b>Area weight</b>		
<b>Additional information</b>	coating	coating

**Comments** -

## 2. Test parameter

<b>Date of the completion of the test specimen</b>	2019-02-18
<b>Preparation of the test specimen by</b>	WESSLING
<b>Used auxiliary materials</b>	glass plate
<b>Start of preconditioning</b>	
<b>Placing of the test specimen into the test chamber and start of testing</b>	2019-02-18
<b>Arrangement of the test specimen in the test chamber</b>	mid
<b>Covering of the edges? Ratio of covered edges to uncovered edges?</b>	-
<b>Use of the break-off criteria</b>	No
<b>Manufacturer/type of the test chamber</b>	Self made
<b>Material of the test chamber</b>	Stainless steel
<b>Volume of the test chamber [m<sup>3</sup>]</b>	0.11
<b>Area of the test specimen [m<sup>2</sup>]</b>	0.11
<b>Air exchange rate [1/h]</b>	0.5
<b>Area specific air flow rate [m/h]</b>	0.500
<b>Temperature [°C]</b>	23±1
<b>Relative humidity [%]</b>	50±3
<b>Comments on testing</b>	-

### 3. Evaluation for AgBB 2018

Parameter	Day 3					Day 7				Day 28			
	<div style="display: flex; justify-content: space-around;"> <span>✓</span> <span>➔</span> <span>✗</span> </div>					<div style="display: flex; justify-content: space-around;"> <span>✓</span> <span>➔</span> </div>				<div style="display: flex; justify-content: space-around;"> <span>✓</span> <span>✗</span> </div>			
	[µg/m³]	[mg/m³]	[mg/m³]	[mg/m³]	[mg/m³]	[µg/m³]	[mg/m³]	[mg/m³]	[mg/m³]	[µg/m³]	[mg/m³]	[mg/m³]	[mg/m³]
<b>TVOC</b>	511	<b>0.5</b>	0.3	10.0	>10.0	-	-	0.5	>0.5	626	<b>0.6</b>	1.0	>1.0
<b>Σ SVOC</b>	7	<b>0.01</b>	0.03	>0.03	-	-	0.05	>0.05	0	<b>0.0</b>	0.1	>0.1	
<b>R-Value *</b>	47.243	<b>47.2</b>	0.5	>0.5	-	-	0.5	>0.5	1.000	<b>1</b>	1	>1	
<b>Σ VOC w/o LCI</b>	0	<b>0.00</b>	0.05	>0.05	-	-	0.05	>0.05	0	<b>0.0</b>	0.1	>0.1	
<b>Σ Carcinogenic</b>	0	<b>0.000</b>	0.001	0.01	>0.01	-	-	0.001	>0.001	0	<b>0.000</b>	0.001	>0.001
<b>Total</b>	➔						-			✓			

#### DIBt Parameter

<b>Formaldehyde</b>	4	<b>0.004</b>	0.060	>0.060	-	-	-	0.060	>0.060	0	<b>0.000</b>	0.120	>0.120
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#### Additional Information

<b>Σ VVOC</b>	13	<b>0</b>	-	-	-	-	-	-	-	0	<b>0</b>	-	-
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\*) dimension less    ✓ Pass    ➔ Continue    ✗ Fail

  
**Jean-François CAMPENS**  
**Gérant**

## 4. Measurement

### 4.1. Day 3

Date of measurement: 2019-02-21

TVOC ISO 16000-6: 260 µg/m<sup>3</sup>

CAS-No.	Compound name	Ret. Range	RT [min]	C [µg/m <sup>3</sup> ]	Quantifi- cation	C_tol [µg/m <sup>3</sup> ]	Identifi- cation	Comment	Ri	LCI Value
124-19-6	Nonanal	VOC	-(no RT)-	2	specific	0	I		0.000	900
112-31-2	Decanal	VOC	-(no RT)-	1	specific	0	I		0.000	900
78-83-1	2-Methyl-1-propanol	VOC	-(no RT)-	5	specific	0	I		0.000	11000
71-36-3	1-Butanol	VOC	-(no RT)-	3	specific	0	I		0.000	3000
104-76-7	2-Ethyl-1-hexanol	VOC	-(no RT)-	2	specific	0	I		0.000	300
57-55-6	Propylene glycol	VOC	-(no RT)-	330	specific	150	I		0.157	2100
107-98-2	1-Methoxy-2-propanol	VOC	-(no RT)-	2	specific	0	I		0.000	7900
25265-77-4	2,2,4-Trimethyl-1,3-pentane diol, monoisobutyrate	VOC	-(no RT)-	61	specific	49	I		0.102	600
26172-55-4	5-Chloro-2-methyl-2H-isothiazol-3-one	VOC	-(no RT)-	46	specific	30	I		46.000	1
2682-20-4	2-Methyl-4-isothiazolin-3-one	VOC	-(no RT)-	28	specific	13	I		0.280	100
68-12-2	Dimethylformamide	VOC	-(no RT)-	5	specific	0	I		0.333	15
925-06-4	Diisobutyl succinate	VOC	-(no RT)-		specific	9	II		0.090	100
71195-64-7	Diisobutyl glutarate	VOC	-(no RT)-		specific	27	II		0.270	100
141-04-8	Diisobutyladipat	SVOC	-(no RT)-		specific	7	II		-	-
50-00-0	Formaldehyde	VVOC	-(no RT)-	4	DNPH		I		0.000	100 (VVOC)
75-07-0	Acetaldehyde	VVOC	-(no RT)-	6	DNPH		I		0.005	1200 (VVOC)

CAS-No.	Compound name	Ret. Range	RT [min]	C [ $\mu\text{g}/\text{m}^3$ ]	Quantification	C_tol [ $\mu\text{g}/\text{m}^3$ ]	Identification	Comment	Ri	LCI Value
67-64-1	Acetone	VVOC	-(no RT)-	7	DNPH		I		0.006	1200 (VVOC)

## 4.2. Day 28

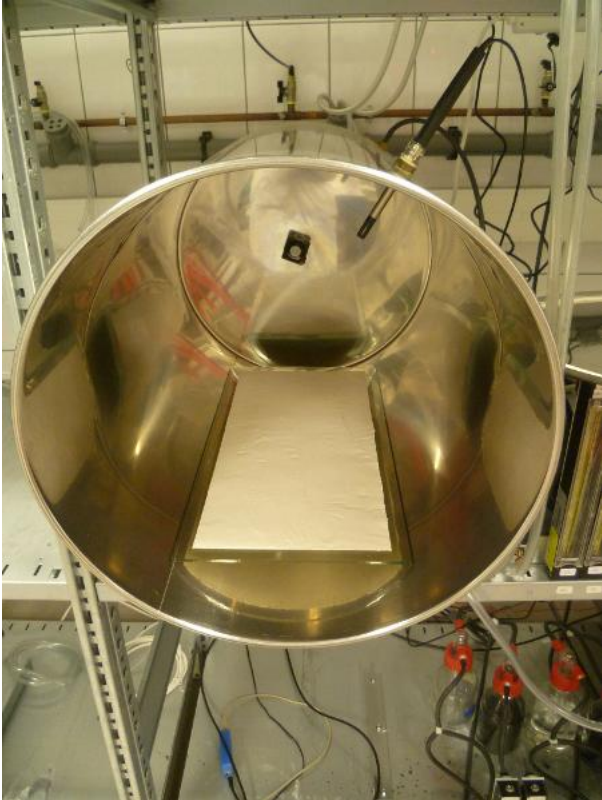
Date of measurement: 2019-03-18

TVOC ISO 16000-6: 380 µg/m³

CAS-No.	Compound name	Ret. Range	RT [min]	C [µg/m³]	Quantification	C_tol [µg/m³]	Identification	Comment	Ri	LCI Value
71-36-3	1-Butanol	VOC	-(no RT)-	1	specific	0	I		0.000	3000
104-76-7	2-Ethyl-1-hexanol	VOC	-(no RT)-	1	specific	0	I		0.000	300
57-55-6	Propylene glycol	VOC	-(no RT)-	540	specific	335	I		0.257	2100
25265-77-4	2,2,4-Trimethyl-1,3-pentane diol, monoisobutyrate	VOC	-(no RT)-	14	specific	13	I		0.023	600
26172-55-4	5-Chloro-2-methyl-2H-isothiazol-3-one	VOC	-(no RT)-	2	specific	0	I		0.000	1
2682-20-4	2-Methyl-4-isothiazolin-3-one	VOC	-(no RT)-	61	specific	28	I		0.610	100
71195-64-7	Diisobutyl glutarate	VOC	-(no RT)-		specific	11	II		0.110	100
50-00-0	Formaldehyde	VVOC	-(no RT)-	0	DNPH		I		0.000	100 (VVOC)

## 5. Images

### 5.1. Specimen image



### 5.2. Product image

