Evaluation according to AgBB 2018

ULY19-006841-1

1. General Information

Testing laboratory	WESSLING
Responsible laboratory staff	Caroline Donjon
Number of the test report	ULY19-006841-1
Client/Applicant	SIDAC SARL SOCIETE NOUVELLE
Name of the product and material number	VF
Control type	Other
Date of batch production	2019-01-17
Date of receipt of the sample	2019-02-11
Storage of the sample until testing	saved for contamination
Product Group	Other Products

Description of the construction product:

Parameter	Manufacturer	Laboratory
General description of the product	VF	VF
Total thickness		
Area weight		
Additional information	coating	coating

Comments -

2. Test parameter

Date of the completion of the test specimen	2019-02-18
Preparation of the test specimen by	WESSLING
Used auxiliary materials	
Start of preconditioning	
Placing of the test specimen into the test chamber and start of testing	2019-02-18
Arrangement of the test specimen in the test chamber	mid
Covering of the edges? Ratio of covered edges to uncovered edges?	-
Use of the break-off criteria	No
Manufacturer/type of the test chamber	Self made
Material of the test chamber	Stainless steel
Volume of the test chamber [m³]	0.11
Area of the test specimen [m²]	0.11
Air exchange rate [1/h]	0.5
Area specific air flow rate [m/h]	0.500
Temperature [°C]	23±1
Relative humidity [%]	50±3
Comments on testing	-

3. Evaluation for AgBB 2018

Parameter	Day 3					Day 7				Day 28			
			✓	→	✗			✓	→			✓	✗
	[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]
TVOC	2786	**2.8**	0.3	10.0	>10.0	-	**-**	0.5	>0.5	417	**0.4**	1.0	>1.0
Σ SVOC	0	**0.00**	0.03	>0.03	-	-	**-**	0.05	>0.05	0	**0.0**	0.1	>0.1
R-Value *	49.152	**49.2**	0.5	>0.5	-	-	**-**	0.5	>0.5	1.019	**1**	1	>1
Σ VOC w/o LCI	0	**0.00**	0.05	>0.05	-	-	**-**	0.05	>0.05	0	**0.0**	0.1	>0.1
Σ Carcinogenic	0	**0.000**	0.001	0.01	>0.01	-	**-**	0.001	>0.001	0	**0.000**	0.001	>0.001
Total				→			-					✓	
DIBt Parameter													
Formaldehyde	3	**0.003**	0.060	>0.060	-	-	**-**	0.060	>0.060	0	**0.000**	0.120	>0.120
Additional Information													
Σ VVOC	65	**0**	-	-	-	-	**-**	-	-	12	**0**	-	-

*) 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: 2300 µg/m³

CAS-No.	Compound name	Ret. Range	RT [min]	C [µg/m³]	Quantifi-cation	C_tol [µg/m³]	Identifi-cation	Comment	Ri	LCI Value
124-19-6	Nonanal	VOC	-(no RT)-	1	specific	0	I		0.000	900
112-31-2	Decanal	VOC	-(no RT)-	2	specific	0	I		0.000	900
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)-	700	specific	480	I		0.333	2100
111-76-2	Ethylene glycol-monobutylether	VOC	-(no RT)-	2	specific	0	I		0.000	1600
112-34-5	Diethylene glycol-monobutylether	VOC	-(no RT)-	190	specific	140	I		0.284	670
124-17-4	Diethylene glycol monobutyl ether acetate	VOC	-(no RT)-	1800	specific	1500	I		2.118	850
64-19-7	Acetic acid	VOC	-(no RT)-	15	specific	0	I		0.013	1200
26172-55-4	5-Chloro-2-methyl-2H-isothiazol-3-one	VOC	-(no RT)-	46	specific	33	I		46.000	1
2682-20-4	2-Methyl-4-isothiazolin-3-one	VOC	-(no RT)-	35	specific	16	I		0.350	100
50-00-0	Formaldehyde	VVOC	-(no RT)-	3	DNPH		I		0.000	100 (VVOC)
67-64-1	Acetone	VVOC	-(no RT)-	65	DNPH		I		0.054	1200 (VVOC)

4.2. Day 28

Date of measurement: 2019-03-18
TVOC ISO 16000-6: 370 µg/m³

CAS-No.	Compound name	Ret. Range	RT [min]	C [µg/m³]	Quantifi-cation	C_tol [µg/m³]	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
71-36-3	1-Butanol	VOC	-(no RT)-	1	specific	0	I		0.000	3000
57-55-6	Propylene glycol	VOC	-(no RT)-	62	specific	19	I		0.030	2100
112-34-5	Diethylene glycol-monobutylether	VOC	-(no RT)-	19	specific	12	I		0.028	670
124-17-4	Diethylene glycol monobutyl ether acetate	VOC	-(no RT)-	245	specific	220	I		0.288	850
64-19-7	Acetic acid	VOC	-(no RT)-	27	specific	0	I		0.023	1200
26172-55-4	5-Chloro-2-methyl-2H-isothiazol-3-one	VOC	-(no RT)-	3	specific	0	I		0.000	1
2682-20-4	2-Methyl-4-isothiazolin-3-one	VOC	-(no RT)-	64	specific	28	I		0.640	100
50-00-0	Formaldehyde	VVOC	-(no RT)-	0	DNPH		I		0.000	100 (VVOC)
67-64-1	Acetone	VVOC	-(no RT)-	12	DNPH		I		0.010	1200 (VVOC)

5. Images

5.1. Specimen image

5.2. Product image