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Dresden, 05/01/2022
50 – ku/br

Test Report Order no. 2521271/3/2

Client: Schüco Polymer Technologies KG
Selauer Straße 155
06667 Weißenfels

Order: Emission measurement of a window according to
DIN EN 16516 (10/2020) and evaluation according to French VOC
regulation “Arrêté étiquetage 2011”
Window “Living”

Contractor: Entwicklungs- und Prueflabor Holztechnologie GmbH
Laboratory Unit Chemical Testing
Zellescher Weg 24
01217 Dresden
Germany

Engineer in charge: Dipl.-Nat. Anne Kuban



Dipl.-Ing. Martina Broege
Head of Laboratory Chemical Testing

The test report contains 3 pages and 1 annex with 1 page. Any duplication of extracts requires the written permission of EPH. The test results refer exclusively to the material tested.

1 Task

Determination of emissions of a window and evaluation according to French regulation ARRÊTÉ relatif à l'étiquetage des produits de construction ou de revêtement de mur ou de sol et des peintures et vernis sur leurs émissions de polluants volatils.

Parameters: VOC, Formaldehyde

Method: EN 16516 (10/2020)

Basis test: 2521271/3/1 dated 05/01/2022

2 Evaluation

Table 1: Evaluation overview

Label	Evaluation	Results
French VOC Regulation	Arrêté étiquetage 2011	A+

✓ Requirement complied, ✗ Requirements not complied

The tested window "Living" fulfills the emission class A+ according to French VOC regulation.

3 Test material

Product nme: Window "Living"
 Basic construction: Window: "Living" – glazing (triple MIG)
 Construction frame profile: "Standard" with steel reinforcement
 Surface frame profile: White
 Glazing seal: Casement: EPDM grey rolled up
 Frame: EPDM black rolled up
 Fold-/ rabbet seal: EPDM grey rolled up
 Middle seal: TPE black rolled up
 Dimensions: 148.5 x 123.2 [cm]
 Date of sample receipt: 29/09/2021

4 Performed Tests

Test report 2521271/3/1 dated 05/01/2022.

5 Results

Evaluation according to French VOC-REG 2011 (Annex 1)

A handwritten signature in blue ink, appearing to read 'A. Kuban', with a stylized flourish at the end.

Dipl.-Nat. A. Kuban
Engineer in charge

Evaluation according to French VOC-REG 2011

2521271/3

1. Evaluation for French VOC-REG 2011

Parameter	Day 28					
			A+	A	B	C
	[µg/m³]	[µg/m³]	[µg/m³]	[µg/m³]	[µg/m³]	[µg/m³]
TVOC	2	2	<1000	<1500	<2000	2000
Formaldehyde	0	0	<10	<60	<120	120
Acetaldehyde	6	6	<200	<300	<400	400
Toluene	-	-	<300	<450	<600	600
Tetrachlorethene	-	-	<250	<350	<500	500
Xylene	-	-	<200	<300	<400	400
1,2,4-Trimethylbenzene	-	-	<1000	<1500	<2000	2000
1,4-Dichlorbenzene	-	-	<60	<90	<120	120
Ethylbenzene	-	-	<750	<1000	<1500	1500
2-Butoxyethanol	-	-	<1000	<1500	<2000	2000
Styrene	-	-	<250	<350	<500	500
Total			A+			