

MS51 & UMS21 VOC emission Attestation

VOC emission Attestation

Mutoh Europe NV
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Belgium

Sample name: MS-51 - Sign & Display Ink
Batch no.: K-SE23023P1 / C-SE23020P1 / M-SE23021P1 / Y-SE23022P1
Date of production/sampling: 11-10-2023

Product type: Digital printing ink for indoor & outdoor sign & display applications
Sample reception: 16-10-2023
Test date: 17/10/2023 – 14/11/2023

Testing was performed according to the latest version of EN 16516 by ISO/IEC 17025 accredited test laboratory Normec Product Testing. This attestation confirms compliance with the following VOC requirements on low emitting regulations, standards or protocols:

Regulation or protocol	Conclusion	Version of regulation of protocol
French VOC regulations		Arrêté du 28 mai 2009 modifiant l'arrêté du 30 avril 2009, Arrêté du 20 février 2012 modifiant l'arrêté du 19 avril 2011, Décret no 2011-321 du 23 mars 2011
German AgBB (2021)/ABG (2022)	Pass	AgBB - Evaluation procedure for VOC emissions from building products; June 2021
Belgian legislation	Pass	Royal Decree: 8 MEI 2014
M1	Pass/M1	M1 Protocol for Chemical and Sensory Testing of Building Materials Version 15.11.2017 + CMR update January 2019
DICL	Pass/Emission class 1	Danish Indoor Climate Labelling, General test and labelling criteria, 7th Edition, May 2021
BREEAM International	Pass/Acceptance	BREEAM International New Construction 2021 v6.0
BREEAM Norway	Pass/ Acceptance	BREEAM-NOR 2022 v6.0: New Construction
BREEAM NL	Pass/ Acceptance	BREEAM-NL Nieuwbouw 2020
BREEAM UK	Pass/Acceptance	BREEAM UK New Construction 2022
Polish legislation	Pass/A category premises	Monitor Polska NR 19/1996, pos. 231, ORDINANCE OF THE MINISTER OF HEALTH AND SOCIAL WELFARE of 12 March 1996
LEED (EU) 4.1 BETA	Pass	LEED v4.1 Building design and construction July 2022

Full details on the testing and direct comparison with limit values are available in SPT2023-R292 (and R041). For reporting statements of conformity (decision rule) the measurement uncertainty is not taken into account.

M. Lor
Managing Director Normec Product Testing

Test results are only valid for the tested sample(s), as received from the client. Test report may only be copied or reprinted in this entity, parts of it only with a written acceptance by Normec Product Testing.

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- ✓ Greenguard Gold
- ✓ AgBB
- ✓ French VOC
- ✓ Belgian Legislation
- ✓ M1
- ✓ DICL
- ✓ BREEAM (Intl. – Norway – NI - UK)
- ✓ Polish Legislation
- ✓ LEED (EU) v4.1

