

Certificate

Fit for Indoor Air Comfort

Mutoh Universal Mild Solvent (UMS) inks

printed on an IAC compliant digital printing substrate using maximum possible ink coverage

Products, C₁-330-01-1-2015

Mutoh Belgium nv, Oostende, Belgium

Manufacturer of the inks

The product has undergone a successful testing and evaluation program as specified for Eurofins Indoor Air Comfort certification, version 5.3 (2015). This includes a chamber test of emissions and aldehydes of the printed film as wall coating and a surveillance of the manufacturing site (DIN 18200).

Successful evaluation means compliance with the recent limits of legal regulations on low emitting products in Belgium, France (class A) and Germany (AgBB):

- ✓ No carcinogenic substances were detectable above their limit values, including 4 CMR substances regulated in France.
- ✓ Formaldehyde was below the limit value of 60 µg/m³ and Acetaldehyde below of 200 µg/m³.
- ✓ Sum of VOC (TVOC) was below the limit values of 10.000 µg/m³ after 3 days and 1.000 µg/m³ after 28 days. The product was classified A+ according to French VOC regulation.
- ✓ Sum of SVOC after 28 days was below the limit value of 100 µg/m³.
- ✓ The R values were below the limit value of 1 for both German NIK and Belgian LCI lists after 28 days. The sum of VOC without German LCI value was below 100 µg/m³.
- ✓ Quality management system and factory production control program at the production site are capable to ensure a continuous production of very low emitting products.
- ✓ Therefore the product qualifies for the Indoor Air Comfort label.

Certificate No.: IAC-330-01-02-2015

Date: 2015-05-15

Validity of certificate: 2020-05-14, with biannual surveillance and retesting



Head of the Certification Body

Eurofins Certification Body VOC
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Appendix to Certificate IAC-330-01-02-2015

The Belgian manufacturer

Mutoh Belgium nv
Archimedesstraat 13
8400 Oostende



receives the Certificate Fit for Indoor Air Comfort with No. IAC-330-01-02-2015 with validity 2020-05-14, with biannual surveillance and retesting for the below listed product combination:

Combination of Products
Mutoh Universal Mild Solvent (UMS) inks printed on an IAC compliant digital printing substrate using maximum possible ink coverage

Following certification, the manufacturer is authorised to use this certificate, this appendix to the certificate and the certification logo for any business documents, brochures, catalogues, delivery notes, offers, advertisements etc. in fairs and in the Internet in connection with the name of the manufacturer. When used with a specific product, the certificate number and validity shall be posted with the logo.



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Sampling, testing and evaluation were performed according to the standards CEN/TS 165165, ISO 16000-3, ISO 16000-6, ISO 16000-9, ISO 16000-11, EN 13419 each in the latest versions.