IFO Institut für Oberflächentechnik GmbH

Test Report Rev.02

Referred to:	AAMA 2605-20, Voluntary Specification, Performance Requirements and Test Procedures for High Performance Organic Coatings on Aluminum Extrusions and Panels
Client:	IGP Pulvertechnik AG Ring Str. 30 9500 Wil Switzerland
Job number:	31676 Rev.02
Samples receipt:	2020-10-26
Start of testing:	2020-11-10
End of testing:	2021-04-26
Creation date:	2022-02-02
Number of pages:	19 pages

The expanded measurement uncertainty is not taken into account in the conformity assessment unless otherwise agreed. Irrespectively, the measurement uncertainty is stated if possible.

DAkkS Deutsche Akkreditierungsstelle D-PL-11086-01-00

Accredited by DAkkS (Deutsche Akkreditierungsstelle GmbH) according to German Industrial Standard DIN EN ISO/IEC 17025 accredited test laboratory.
The accredited test methods are marked with an **asterisk ***.

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1 FORMULATION

The Institute was instructed by the client to perform all necessary tests acc. to AAMA 2605-20, Chapter 8.1 to 8.9.

1.1 Status and type of samples/sampling

Label / No.:	Number:	Material / Surface:
Test panel (140 x 70 x 1.0 mm)	33 pieces	Aluminum / powder coated Powder: IGP- DURA®*sky* 95 Color: RAL 1011
Test panel (140 x 70 x 2.0 mm)	12 pieces	

The preparation of the aluminum samples and the coating was performed as follows:

Aluminium substrate:	Aluminium panel, alloy: EN AW-5005 (Dimensions: 140 mm x 70 mm x 1.0 mm) Aluminium panel, alloy: EN AW-6060 (Dimensions: 140 mm x 70 mm x 2.0 mm)
Pre-treatment:	Alternative Pretreatment Manufacturer: Co. Henkel Product: Bonderite M-NT 400
Powder System:	Supplier: IGP Pulvertechnik AG Product: IGP-Superfluor 95 Color: RAL 1011
Coater:	Company: Institut für Oberflächentechnik Cure: 200 °C / 15 min Coating date: 2020-11-04
Date testing started:	2020-11-10
Date testing completed:	2021-04-26

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3 REMARK

This test report supersedes IFO-31676 Rev.01 of September 15th, 2021. The runtime of the constant humidity test in chapter 2.8.1.1 has been corrected (4,000 hours).

4 RESULTS

The samples fulfill the requirements acc. to AAMA 2605-20, Chapter 8.1 up to 8.8.2.

The Weather Exposure acc. to AAMA 2605-20, Chapter 8.9 is still pending.

Schwaebisch Gmuend,
2022-02-02

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