



Institut für
Oberflächentechnik
GmbH

Test Report

Referred to: Quality tests acc. to Qualicoat Specifications 2024-V01

Client: Compri Coating Service
Everdongenlaan 5
2300 Turnhout
Belgium

Job number: 44477_2

Samples receipt: 2024-01-02

Start of testing: 2024-01-17

End of testing: 2024-05-21

Creation date: 2024-06-05

Number of pages: 6 pages

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When assessing conformity in test reports, the simple acceptance rule according to ILAC G8:2019 Ch. 4.2.1 (measurement uncertainty is not considered) is applied as the decision rule, unless otherwise agreed.



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 ***.



1 Sample Details acc. to Customers Specification

<u>Label / No.:</u>	<u>Number:</u>	<u>Material / Surface:</u>
Group 1: Profiles	5 pieces	Aluminium Powder coating: Axalta AE 300C9900320 RAL 9003
Group 2: Profiles	5 pieces	Aluminium Powder coating: Axalta AE 300C9900320 RAL 9003
Group 3: Profiles	5 pieces	Aluminium Powder coating: Axalta AE 300C9900320 RAL 9003
Group 7: Profiles	5 pieces	Aluminium Powder coating: Axalta AE 300C9900320 RAL 9003

2 Applied Test Methods

The environmental conditions for all tests are 23 ± 5 °C and 50 ± 25 % relative humidity, unless otherwise stated.

<u>Test / Standard and parameters:</u>	<u>Device:</u>
Acetic acid salt spray test acc. to DIN EN ISO 9227:2023-03* – AASS acc. Qualicoat specification 2024 V01:2024-01* Duration: 3000 h Scribe tool: 1 mm Sikkens Scribe form: X form acc. to ISO 17872	SAL 3500-FL HL (Co. Köhler) Last performance check: 37 g/m ² Target: 30-50 g/m ²

3 Requirements and Results

3.1 Acetic acid salt spray test – AASS

Requirements acc. to Qualicoat specification 2024 V01:2024-01:

- No blistering in excess of 2 (S2) according to ISO 4628-2. An infiltration of maximum 16 mm² is allowed over a scratch length of 10 cm but the length of any single infiltration shall not exceed 3 mm according to EN 12206-1.

Sample: Duration: Results:

Group 1 2 samples	3000 h	Degree of blistering: 0(S0) Area infiltration: 6.2 mm ² / 10 cm Max. infiltration: 1.3 mm	0(S0) 7.8 mm ² / 10 cm 2.0 mm
Group 2 2 samples		Degree of blistering: 0(S0) Area infiltration: 12.7 mm ² / 10 cm Max. infiltration: 2.0 mm	0(S0) 12.7 mm ² / 10 cm 2.5 mm
Group 3 2 samples		Degree of blistering: 0(S0) Area infiltration: 13.1 mm ² / 10 cm Max. infiltration: 2.0 mm	0(S0) 9.0 mm ² / 10 cm 1.2 mm
Group 7 2 samples		Degree of blistering: 0(S0) Area infiltration: 6.7 mm ² / 10 cm Max. infiltration: 2.1 mm	0(S0) 6.8 mm ² / 10 cm 1.6 mm

4 Conclusions and Evaluation

AASS-Test:

All groups fulfill the requirements acc. to Qualicoat specifications V01:2024-1.

Schwaebisch Gmuend,
2024-06-05



Sebastian Windhab
Project Engineer



Joerg Bihlmaier
Key Account Manager

5 Photo documentation

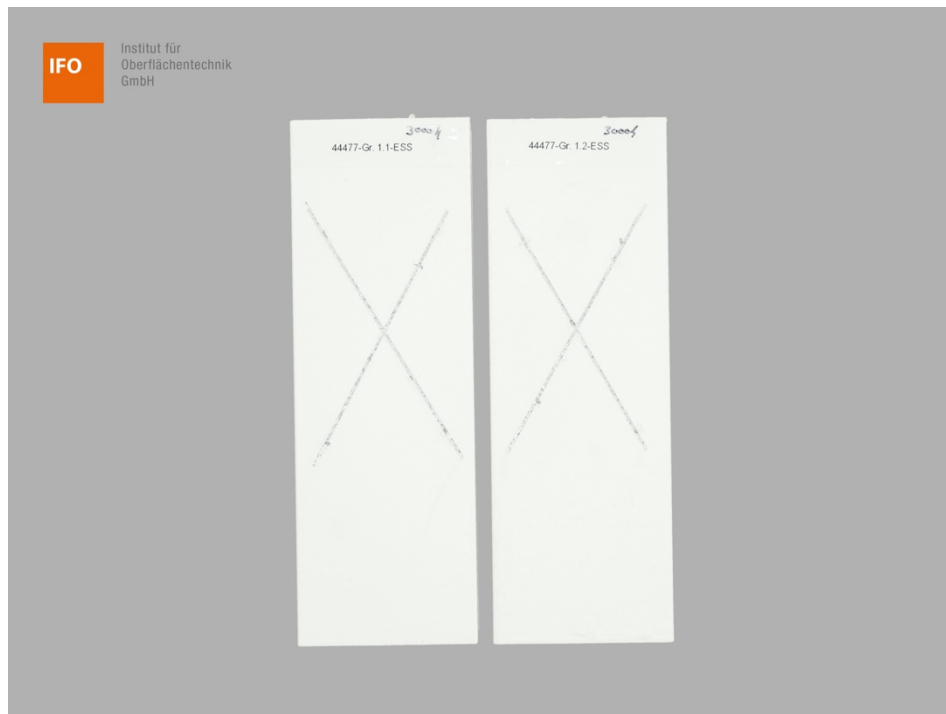


Figure 1 – Group 1 after 3000 h AASS-Test



Figure 2 – Group 2 after 3000 h AASS-Test

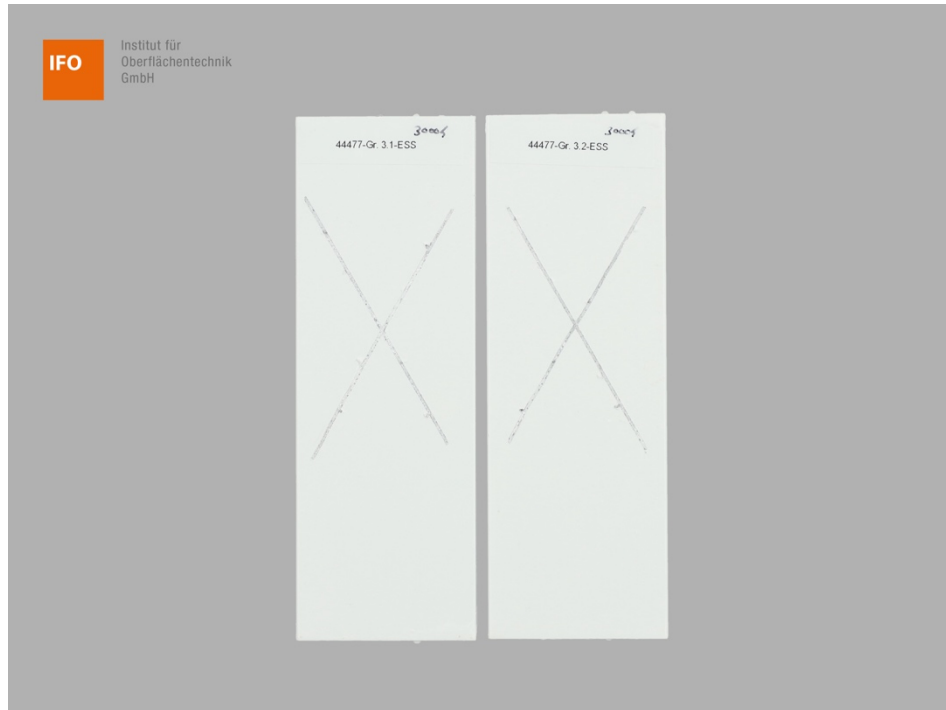


Figure 3 – Group 3 after 3000 h AASS-Test

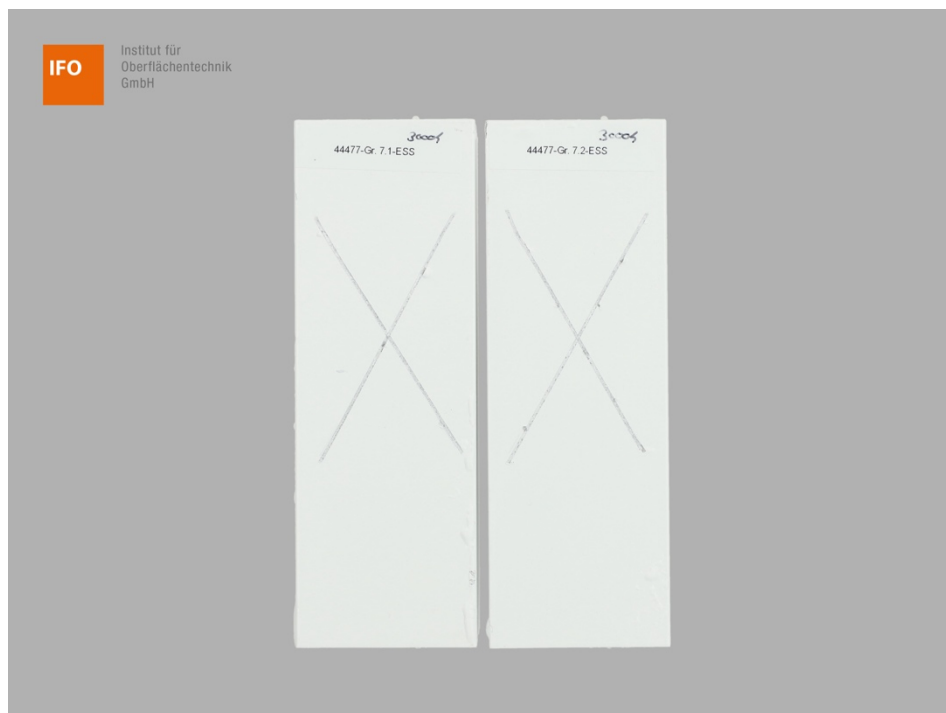


Figure 4 – Group 7 after 3000 h AASS-Test