



Test Report

Referred to:	AAMA 2604-13, Voluntary Specification, Performance Requirements and Test Procedures for High Performance Organic Coatings on Aluminum Extrusions and Panels
Client:	IGP Pulvertechnik AG Industrie Stelz, Ringstraße 30 9500 Wil Schweiz
Job number:	15312-3
Samples receipt:	2016-08-29
Start of testing:	2016-09-06
End of testing:	2022-06-13
Creation date:	2024-05-14
Number of pages:	17 pages

Reproduction, duplication, translation and use of assessment / report for advertising or transmission to third parties – whether as a whole, shortened or in an abridged version – requires written permission. The results documented in this report only refer to samples / records made available and belonging to them.

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



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 FORMULATION

The Institute was instructed by the client to perform all necessary tests acc. to AAMA 2604-13, Chapter 8.1 to 8.9.

1.1 Status and type of samples/sampling

<u>Label / No.:</u>	<u>Number:</u>	<u>Material / Surface:</u>
Aluminium Q-Panels (Co. Q-Lab)	41 pieces	Aluminum / Powder coated Powder: IGP HWFsuperior 5703 Color: RAL 7021
Aluminium Q-Panels (Co. Q-Lab)	41 pieces	Aluminum / Powder coated Powder: IGP HWFsuperior 5703 Color: RAL 9005

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

Aluminium substrate: Aluminium Q-Panels (Co. Q-Lab)

Pre-treatment: Cr-(VI)

Paint System: Supplier: IGP
Product: HWFsuperior 5703
Color: RAL 7021, RAL 9005

Coater: Company: IGP
Curing: 180 °C / 15 min

Coating date: 2016-08-18 RAL 7021
2016-08-22 RAL 9005

Date testing started: 2016-09-06

Date testing completed: 2017-02-21

3 RESULTS

The samples fulfill the requirements acc. to AAMA 2604-13, Chapter 8.1 to 8.8.1.
The samples fulfill the requirements acc. to AAMA 2604-21, Chapter 8.8.2.

The samples fulfill the requirements of the Weather Exposure acc. to AAMA 2604-13, Chapter 8.9.1.1 to 8.9.1.4.2.

One of three samples of each color do not fulfill the requirements acc. to AAMA 2604-13, Chapter 8.9.1.5.2 "Resistance to Erosion".

Schwaebisch Gmuend,
2024-05-14



W. Schmid
Laboratory Manager



P. Malchow
Laboratory Manager

– End of Test Report –