



Update of QUALICOAT Specifications 2023

Update Sheet No. 10

applicable from 01.01.2024

Subject: AASS: Maximum length of infiltration

Proposal / Requests: Pretreatment WG / 2023.01.25
The Pretreatment WG proposed to reduce the maximum length of infiltration from 4 mm to 3 mm as prescribed in EN 12206-1 (supported with data provided by IFO and QUALITAL)

QUALICOAT Resolution: Resolution No. 12 / TC 2023.05.16
The TC approved the proposal of the Pretreatment WG to reduce the maximum length of infiltration from 4 mm to 3 mm as prescribed in EN 12206-1. An update sheet shall be prepared.

Amendment to the Specifications: Amendment made in '§ 2.10 Acetic acid salt spray resistance' length of infiltration requirements.

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Approved by: Executive Committee

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2.10 Acetic acid salt spray resistance

ISO 9227. A X-shape scribe mark with a width of 1 mm shall be made to cut the organic coating down to the metal. The test shall be carried out on three test pieces of AA 6060 or AA 6063.

For all organic coatings except class 3 powder coatings: testing time: 1000 hours

For class 3 powder coatings: testing time: 2000 hours

REQUIREMENTS:

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 ~~4 mm~~ 3 mm according to EN 12206-1.

The crossing point of the X-shape scribe mark, has to be included in the evaluation.

The inspector takes three test pieces from different lots. The results are classified according to the scale below:

- A. 3 samples satisfactory = 0 sample unsatisfactory
- B. 2 samples satisfactory = 1 sample unsatisfactory
- C. 1 sample satisfactory = 2 samples unsatisfactory
- D. 0 sample satisfactory = 3 samples unsatisfactory

Final assessment of the AASS test:

RATING	CORRECTIVE ACTION	
	APPROVAL (GRANTING/RENEWAL)	LICENCE (GRANTING/RENEWAL)
A satisfactory	No action	No action
B satisfactory	No action	Notification to the coater
C unsatisfactory	<ul style="list-style-type: none"> ▶ Repetition of the acetic acid salt spray resistance test. ▶ If the result of this second test is C or D, all tests shall be repeated. 	<ul style="list-style-type: none"> ▶ Repetition of the AASS test. If the result of this second test is C or D, the inspection shall be repeated.
D unsatisfactory	<ul style="list-style-type: none"> ▶ All laboratory tests shall be repeated. 	<ul style="list-style-type: none"> ▶ The inspection shall be repeated.