



Update of QUALICOAT Specifications 2021

Update Sheet No. 03

applicable from 1 July 2021

Subject: Various adjustments

Proposal/Request: Requests for changes or clarification from GLs and/or from the QUALICOAT Secretariat.

QUALICOAT Resolution: Resolution No. 4/TC 2021-06-09
The TC approved update sheet No. 3 SPEC 2021-US03, apart from amendment No. 4. The date of application would be 1 July 2021.

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Document Code: SPEC-US03
QQM Section: 7.8.2
Date Approved: 17.06.2021
Approved by: Executive Committee
Valid from: 01.07.2021
Version: 01
No. of Pages: 2

Background/Source	Amendments
<p>No. 1/ EC 22.11.2019</p> <p>At the end of 2019, the EC agreed that the change of plant inspection frequency, originally proposed by the QDCC for the renewal of powder coating approvals, should be implemented from 1.1.2021. As this change was not included in the Master version of the Specifications published on 1.1.2021, it should be done in the July version.</p>	<p>4.2 Renewal of an approval</p> <p>After approval has been granted to a coating material, laboratory tests and Florida exposure shall be performed annually, and an inspection of the coating manufacturer's plant shall be carried out every five three years.</p>
<p>No. 2/ 14.01.2021</p> <p>Since some tests are now carried out on finished products and not on test panels (ref. § 6.5), the results of these tests are not recorded in the control register for test panels but in the control register requirements for finished products (see § 6.4.3).</p>	<p>6.4.2 Control register for test panels</p> <p>This control register is either a bound register (not a spiral binding) with numbered pages or a computer listing. It shall show [...]</p> <p>the following results:</p> <ul style="list-style-type: none">- gloss test- thickness test- dry adhesion test- polymerisation test (optional for powder coatings)- bend test- impact test- colour shade inspection (visual inspection to compare the actual colour with the colour shade required by the customer).
<p>No. 3 / 26.01.2021</p> <p>During the meeting of the Pretreatment WG on 26.01.2021, it was confirmed that no other types of etching other than those listed in § 3.2.1 are permitted.</p>	<p>3.2.1 Etching stage</p> <p>All chemical pretreatments for powder and liquid organic coatings shall include an aluminium etching stage consisting of one or more steps.</p> <p>Different The following types of etching are possible admissible:</p> <ul style="list-style-type: none">○ Type A: acid etching<ul style="list-style-type: none">▪ Type A1: simple acid etching▪ Type A2: acid etching + acid etching○ Type AA: dual etching<ul style="list-style-type: none">▪ Type AA1: alkaline etching and acid etching▪ Type AA2: acid etching + alkaline etching + acid etching. <p>The etching degree is measured by taking the weight of a test sample before and after etching.</p>