

<b>Subject:</b>	<b>IMPROVED PROCEDURE FOR THE ACCELERATED WEATHERING TEST</b>
<b>Proposal:</b>	<p><u><b>POWDERS WG'S PROPOSAL/02.07.15</b></u></p> <p>In order to improve the reliability of the accelerated weathering test, the Powders WG proposed that three panels should be tested for every single colour in different areas of the climatic chambers, with a rotation approximately every 250 hours. For renewal testing of class 1 and class 1.5 powder coatings, one panel would be sufficient, except for banned colours which should also be tested in triplicate.</p>
<b>QUALICOAT resolution:</b>	<p><u><b>Resolution No. 11/TC 4.11.15</b></u></p> <p>The TC approved the proposals submitted by the Powders WG for the "Procedure for improving the reliability of the accelerated weathering test" (Topic No. 8/TC 4.11.15) and asked the Specifications WG to draft an update sheet..</p>
<b>Date of ratification:</b>	<b>31 March 2016</b>
<b>Date of application:</b>	<b>1 January 2017</b>
<b>Amendment to the Specifications:</b>	<ul style="list-style-type: none"> <li>▶ Additional text in section 2.12.1</li> </ul>

**2.12.1 Accelerated weathering test for all classes except class 3**

**ISO 16474-2**

Luminous intensity:  $550 \pm 20 \text{ W/m}^2$  (290 - 800 nm)

Black standard temperature:  $65 \pm 5^\circ\text{C}$

Demineralised water: maximum 10  $\mu\text{S}$

Special UV filter (290 nm)

Cycles of 18 minutes in a wet medium and 102 minutes in a dry medium.

Three panels shall be tested for every single colour in different areas of the climatic chamber.

For renewal testing of class 1 and class 1.5 powder coatings, only one panel shall be tested, except for banned colours which shall also be tested in triplicate.

The position of all panels shall be changed approximately every 250 hours.

After 1000 hours exposure, the test panels shall be rinsed with demineralised water and checked for:

[...]