



Update of QUALICOAT Specifications 2021 Update Sheet No. 10 applicable from 1 January 2022

Subject: Clarifications for Chapter 4 -Approval of Organic Coatings

- Proposals/Requests:**
- Powders WG**
- a) **Deadline to submit powder coatings for renewal testing** (Ref. Powders WG – 31.08.21 – Item 7)
 - b) **Repetition of banned colours** (Ref. Powders WG – 31.08.21 – Item 4)
 - c) **Deadlines for suspended colours** (Ref. Powders WG - 02.09.21 – Item 6)
 - d) **Deadlines after voluntary withdrawal of an approval** (Ref. Powders WG - 02.09.21 – Item 7)

- QUALICOAT Resolution:**
- Resolution No. 4/ TC 2021-11-18**
- The TC approved the following update sheets proposed by the Powders WG, to become effective on 1 January 2022:
- SPEC 2021-US10 – Clarification of procedures in Chapter 4
 - SPEC 2021-US11 - New RAL colours and amended list of Class 2 critical colours

- Amendment to the Specifications:**
- **§ 4.2.2 - Deadline to submit powder coatings for renewal testing** (*Additional recommendation*)
 - **§ 4.2.5 - Repetition of banned colours** (*Explanatory sentence added*).
 - **§ 4.2.6 -Suspended colours** (*References removed to remove some ambiguities*)
 - **§ 4.2.7.2 - Voluntary withdrawal** (*new paragraph*)

Author: QCT Specifications WG
Pascale Bellot

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4.2.2 Sampling

There are three options for sampling systems to be tested for renewal of approvals:

- The inspector takes samples of the required colours during routine inspections at the coating plants.
- The inspector takes samples directly at the system manufacturer's premises.
- The powder manufacturer sends organic coating materials and coated panels to the laboratory in charge preferably by June expeditiously, from January and not later than June of the current year, together with the relevant technical data sheet for each colour. The data sheet shall include at least the following information: colour, gloss value and curing conditions (including range of times and temperatures). In countries where there is neither a General Licensee nor a testing laboratory, the coating manufacturer sends the selected colours to a laboratory approved by QUALICOAT.

The coating material may be applied to the test panels in the testing laboratory, at a local licensed coater's plant or at the coating manufacturer's premises under the auspices of the inspector according to § 4.1.6.

4.2.5 Banned colours

QUALICOAT shall publish on www.qualicoat.net the colours currently banned according to § 4.2.4, including colours suspended according to § 4.2.6, for every approved organic coating P-No. by the end of August.

Within 30 working days after receiving the Florida test results from QUALICOAT, the General Licensee shall inform the powder manufacturer of the unsatisfactory result and of the resulting ban of the failed colour.

The powder manufacturer shall have the banned colour tested again by sending organic materials and coated panels to the testing laboratory before the end of June of the following year. To have the Florida exposure started the following year, the powder manufacturer shall send the banned colours to the testing laboratory before the end of November of the current year.

Banned colours shall not be used under QUALICOAT's approval.

The tables below show the different deadlines until when the powder manufacturer may still produce and sell a single failed colour or a banned colour family and until when a coating applicator may use it.

For all classes

DEADLINES					
Production of QUALICOAT approved products		Sale of QUALICOAT approved products		Use of QUALICOAT approved products by coating applicator	
Single failed basic colour	Remaining colours	Single failed basic colour	Remaining colours	Single failed basic colour	Remaining colours
30.09.xx	----	30.03.yy	---	End of original shelf life	---

xx = current year yy = following year

For a class 2 or 3 banned colour family

DEADLINES					
Production of QUALICOAT approved products		Sale of QUALICOAT approved products		Use of QUALICOAT approved products by coating applicator	
Single failed colour	Remaining colours of the banned colour family	Single failed colour	Remaining colours of the banned colour family	Single failed colour	Remaining colours of the banned colour family
30.09.xx	31.12.xx	30.03.yy	30.03.yy	End of original shelf life	

xx = current year yy = following year

4.2.6 Suspended colours

A colour shall have the status “suspended” in case of:

- an unsatisfactory accelerated weathering test, with samples sent to Florida for the natural weathering test;
- satisfactory results of the laboratory tests on a banned colour, with samples sent to Florida for the natural weathering test.

Like banned colours, suspended colours shall not be used under QUALICOAT’s approval ~~as stipulated in § 4.2.5~~. However, they shall not be considered when counting colours for the withdrawal of an approval ~~according to § 4.2.7~~.

Suspended colours shall be indicated with an asterisk in the list of approved powder coatings published on www.qualicoat.net.

The number of suspended colours and the duration of suspension shall be limited as follows:

	Number of suspended colours allowed by P-No.	Maximum duration of suspension
Class 1	Maximum 2	Two years
Class 1.5	Maximum 3	Three years
Class 2	Maximum 4	Four years

If these limits are exceeded, the colours concerned shall be banned.

Suspended colours that meet the requirements after the full natural weathering test period shall have their suspension lifted after the Florida Working Group’s meeting.

Suspended colours that fail again in the Florida test shall be banned.

4.2.7 Withdrawal of an approval or extension

4.2.7.1 Withdrawal by QUALICOAT

[...]

4.2.7.2 Voluntary withdrawal

In case of voluntary withdrawal of approval by a powder manufacturer, the following administrative procedure will be followed:

Withdrawal request	ADMINISTRATION
January – March XX	<ul style="list-style-type: none"> • Date of cancellation: 31.03.XX • No approval fees will be charged for year XX • Any panels still remaining on the Florida exposure field will be removed.
April – December XX	<ul style="list-style-type: none"> • Date of cancellation: 31.12.XX • Full approval fees will have to be paid for year XX • Florida test results assessed by the Florida WG in the summer YY will be communicated to powder manufacturer.

The table below depicts the different deadlines that determine until when a powder manufacturer may still produce and sell a withdrawn product, and until when a coating applicator may use it:

Withdrawal request	Deadline for stopping production	Deadline for stopping sale	Use of product by coating applicator
January – December XX	Date of withdrawal request	30.03.YY	End of original shelf life