



Update of QUALICOAT Specifications 2022

Update Sheet No. 11

applicable from 1 January 2023

Subject: Visual assessment after Florida test

Proposals/Requests: Powders WG – 6 July 2022

QUALICOAT Resolution: **Resolution No. 9/TC 16.11.22**
The TC approved update sheet No. 11 (Visual assessment after Florida test) to become effective on 1 January 2023.

Amendment to the Specifications: Additional text in Section 2.13 – Natural Weathering Test

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2.13 Natural weathering test

Exposure in Florida according to ISO 2810

[...]

REQUIREMENTS:

Gloss

The gloss retention shall be at least 50% for class 1 organic coatings.

The following values apply to class 1.5 organic coatings:

- After 1 year in Florida : at least 65%
- After 2 years in Florida : at least 50%

The following values apply to class 2 organic coatings:

- After 1 year in Florida : at least 75%
- After 2 years in Florida : at least 60%
- After 3 years in Florida : at least 50%

The following values apply to class 3 organic coatings:

- After 3 years in Florida : at least 80%
- After 5 years in Florida : at least 70%
- After 7 years in Florida : at least 60%
- After 10 years in Florida : at least 50%

~~In case of unsatisfactory result, an additional visual assessment shall be carried out for~~

- ~~• category 1 organic coatings~~
- ~~• organic coatings with structured appearance in all gloss categories~~
- ~~• organic coatings with a metallic or metallised effect (see [Appendix A4](#))~~
- ~~• organic coatings in light colours ($L > 70$)~~

Colour change

For class 1, 1.5 and 2 organic coatings the ΔE values shall not exceed the maximum values prescribed in the annexed tables (see [Appendix A12](#)).

The following values apply to class 3 organic coatings:

- After 3 years in Florida : max. 50% of the limits prescribed in [Appendix A12](#)
- After 10 years in Florida : within the limits prescribed in the table.

VISUAL ASSESSMENT

In case of unsatisfactory result, an additional visual assessment shall be carried out for

- category 1 organic coatings
- organic coatings with structured appearance in all gloss categories
- organic coatings with a metallic or metallised effect (see [Appendix A4](#))
- organic coatings in light colours ($L > 70$)

In case of doubt, the Florida WG may carry out an additional visual assessment on coated panels in all classes and categories even if they do not belong to the above list of candidates for visual assessment.

The decision of the Florida WG after visual assessment is non-reversible.