

Subject :

Evaluation of colour change for class 2 powders (outdoor exposure)

Proposal

CEDEX (A. Arranz):

The rules for evaluating the colour change should be brought in line with those for the loss of gloss.

QUALICOAT resolution:

Meeting on 29.06.06
(ratified on 22.11.06)

Date of application:

1st January 2007

Amendments to the Specifications:

Section 2.13

2.13. Natural weathering test

Exposure in Florida according to ISO 2810

The test must start in April.

[..]

REQUIREMENTS:

Gloss

The residual gloss must be at least 50% of the original gloss.

The following values apply to Class 2 powders and liquid coatings:

After 1 year in Florida : at least 75%

After 2 years in Florida : at least 65%

After 3 years in Florida : at least 50%

Colour change

The ΔE values must not exceed the maximum values prescribed in the annexed table (see Appendix A7).

The following values apply to Class 2 powders and liquid coatings:

After 1 year in Florida: not greater than 65% of the limits prescribed in the table

After 2 years in Florida: not greater than 75% of the limits prescribed in the table

After 3 years in Florida: within the limits prescribed in the table