

QUALISTEELCOAT Technical Specification Version 4.1 – January 2019

Update sheet No. 3

Subject: Approval of coating system

Proposal/Request: EC meeting

**QUALISTEELCOAT
resolution:**

Resolution No. 23 / EC 04.10.2019 – Powder supplier
Adapt clause 5 of spec: For multiple organic layers, the QUALISTEELCOAT approval can be valid for different QUALICOAT approved topcoats of the same supplier of the same brand.

Approved on: 04.10.2019 by EC

Effective from: **1 JANUARY 2020**

No. of pages: 1

Reason for modification:

This modification of clause 5 is made to better address powder suppliers who are Multinationals or companies belonging to the same group, considering the fact they are often producing at different plants in different countries.

**Amendments to the
Specifications
(Version 4.1 – Jan. 2019):**

- Amendments in § 5

5. Approval of coating system

To maintain an optimal performance of the paint systems that are applied by the QUALISTEELCOAT licensed coater, the quality of the coating that is supplied by coating manufacturers is tested. In this part of the specification, the test methods and acceptable test result limits are given.

A coater can only use an approved coating system for those applications where the QUALISTEELCOAT label is involved. All approved and valid coating systems are listed on the QUALISTEELCOAT website.

A QUALISTEELCOAT coating system is defined by:

- the substrate steel
- the optional presence and the type of a metallic layer (e.g. HDG, Thermal spray)
- type of surface pre-treatment (chemical/mechanical)
- number and type of organic layers
- gloss category of the topcoat, (matt, satin, glossy)
- finish of the topcoat (smooth or textured)

For multiple organic layers, the QUALISTEELCOAT approval can be valid for different QUALICOAT approved topcoats of the same supplier of the same brand and in the same QUALICOAT class (UV resistance). Those QUALICOAT approvals (P-Numbers) need to be communicated to the laboratory before granting an approval or renewal.

The definition of gloss categories corresponds to QUALICOAT specified in the table below:

gloss category	gloss range	acceptable variation*
1 (matt)	0 - 30	+/- 5 units
2 (satin)	31 -70	+/- 7 units
3 (glossy)	71-100	+/- 10 units