



Beratung - Schadensfallaufklärung - Qualitätssicherung - Forschung - Prüfung

- Akkreditiertes Prüflabor für Korrosion, Korrosionsschutz und Korrosionsanalytik
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Summary to the Test Report PB300/101/16

1 Subject

The following company delivered coated steel panels (DC01, blank steel) coated with CADDY ARMOUR (DFT < 50 µm).

Pentair Engineering Electrical & Fastening Solutions
Jules Verneweg 75
5015 BG Tilburg

The coating system was to be tested in accordance with the requirements of ISO 12944-6, corrosivity category C4, high durability, in regard to corrosion protection.

2 Scope of the Coating System to be Tested

CADDY ARMOUR is a coating system for fastening components made of steel by the company Pentair.

3 Stress Application According to ISO 12944-6

- Continuous Condensation (ISO 6270-1), the duration of the stress was 480 hrs
Salt Spray Test (ISO 9227, NSS), the duration of the stress was 720 hrs

4 Test Results and Requirements of ISO 12944-6 (for DFT ≤ 250 µm on steel substrates)

Coating systems pass the assessment constituted in ISO 12944-6, if two out of three test panels meet the following requirements. Also included is a summary of the test results.

Table with 5 columns: Test Parameter, Requirements of ISO 12944-6, Initial Test, CADDY ARMOUR after Continuous Condensation (480 hrs), CADDY ARMOUR after Continuous Salt Spray Test (720 hrs). Rows include Cross Cut Value, Degree of Blistering, Degree of Rusting, Degree of Cracking, Degree of Flaking, Corrosion at the Scribe after NSS, and Delamination at the Scribe after NSS.

5 Conclusion from the Test Results

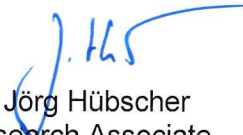
CADDY ARMOUR complies with the testing requirements of ISO 12944-6, corrosivity category C4, high durability.

The complete results of the investigation are documented in the test report PB 300/101/16 of the Institut für Korrosionsschutz Dresden GmbH. This summary is only valid in connection with the test report PB 300/101/16.

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