

Testing in accordance with ISO 12944-6 (2018)

Corrosivity Category C5 Medium

Macropoxy 400 at 190µm

Acrolon 7300 at 60µm

Customer : Sherwin-Williams Co.
PO Box 94785
Cleveland, OH 44101
United States

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Author : J.J. Rokx

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Attn. Mr. D. Fielding 1x
Files Element Materials Technology Amsterdam 1x

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1. Introduction

Sherwin-Williams requested Element Materials Technology Amsterdam to perform coating testing on a multi coat scheme of Macropoxy 400 at 190µm and Acrolon 7300 at 60µm DFT in accordance with ISO 12944-6 (2018), "Paints and varnishes – Corrosion protection of steel structures by protective paint systems – Part 6: Laboratory performance test methods".

Surface preparation and application were carried out in an industrial paint application facility rather than controlled laboratory conditions.

Samples were supplied by Sherwin-Williams in accordance with the requirements listed within ISO 12944-6 (2018), "Paints and varnishes – Corrosion protection of steel structures by protective paint systems – Part 6: Laboratory performance test methods"

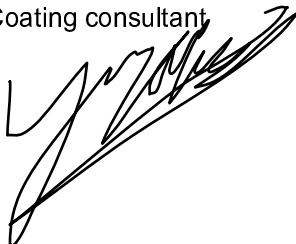
Corrosivity category as defined in ISO 12944-2 (2017), "Paints and varnishes – Corrosion protection of steel structures by protective paint systems -- Part 2: Classification of environments"

Testing was performed between the 26th September 2018 and the 02nd November 2018 at Element facilities in Amsterdam

2. Summary

The coating system is in full accordance with the requirements of ISO 12944-6 (2018), Corrosivity Category C5 Medium.

Author: J.J. Rokx
Coating consultant



Authorised by: M. Halliday
Global coating specialist



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