

## Testing in accordance with ISO 12944-6 (2018)

### Corrosivity Category C5 High – Regime 1

**Macropoxy 400 at 125µm**

**Macropoxy 400 at 125µm**

**Acrolon 7300 at 50µm**

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

**Customer Reference** : 427573

**Element Project Ref.** : ERO027446P

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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 125µm, Macropoxy 400 at 125µm and Acrolon 7300 at 50µm 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 26<sup>th</sup> September 2018 and the 02<sup>nd</sup> December 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 High – Regime 1.**

**Author:** J.J. Rokx  
Coating consultant



**Authorised by:** M. Halliday  
Global coating specialist

