

## Accepted Manuscript

Effect of anti-corrosive performance, roughness and chemical composition of pre-treatment layer on the overall performance of the paint system on cold-rolled steel

Xiang Gao, Weihua Li, Houyi Ma



PII: S0257-8972(17)30931-3  
DOI: doi: [10.1016/j.surfcoat.2017.09.029](https://doi.org/10.1016/j.surfcoat.2017.09.029)  
Reference: SCT 22683  
To appear in: *Surface & Coatings Technology*  
Received date: 25 June 2017  
Revised date: 11 September 2017  
Accepted date: 12 September 2017

Please cite this article as: Xiang Gao, Weihua Li, Houyi Ma , Effect of anti-corrosive performance, roughness and chemical composition of pre-treatment layer on the overall performance of the paint system on cold-rolled steel, *Surface & Coatings Technology* (2017), doi: [10.1016/j.surfcoat.2017.09.029](https://doi.org/10.1016/j.surfcoat.2017.09.029)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

*Revised Manuscript (SURFCOAT-D-17-01861R1)*

**Effect of anti-corrosive performance, roughness and chemical composition of pre-treatment layer on the overall performance of the paint system on cold-rolled steel<sup>#</sup>**

Xiang Gao<sup>a</sup>, Weihua Li<sup>a,b,\*</sup>, Houyi Ma<sup>c</sup>

<sup>a</sup> *Key Laboratory of Marine Environmental Corrosion and Bio-fouling, Institute of Oceanology, Chinese Academy of Sciences, Qingdao 266071, China*

<sup>b</sup> *Cooperative Innovation Center of Engineering Construction and Safety in Shandong Blue Economic Zone, Qingdao Technological University, Qingdao 266033, China*

<sup>c</sup> *Key Laboratory of Colloid and Interface Chemistry of State Education Ministry, School of Chemistry and Chemical Engineering, Shandong University, Jinan 250100, China*

\*Corresponding author

Prof. Weihua Li Tel: +86-532-82897531; Fax: +86-532-82897531; E-mail:

liweihua@qdio.ac.cn

<sup>#</sup> Electronic supplementary information (ESI) available: Additional experimental data.

Download English Version:

<https://daneshyari.com/en/article/5464409>

Download Persian Version:

<https://daneshyari.com/article/5464409>

[Daneshyari.com](https://daneshyari.com)