

Accepted Manuscript

Study on corrosion resistance and photocatalysis of cobalt superhydrophobic coating on aluminum substrate



Bei Wu, Shixiang Lu, Wenguo Xu, Shuo Cui, Jingyan Li, PengFei Han

PII: S0257-8972(17)30994-5
DOI: [doi:10.1016/j.surfcoat.2017.09.060](https://doi.org/10.1016/j.surfcoat.2017.09.060)
Reference: SCT 22735
To appear in: *Surface & Coatings Technology*
Received date: 18 May 2017
Revised date: 24 September 2017
Accepted date: 25 September 2017

Please cite this article as: Bei Wu, Shixiang Lu, Wenguo Xu, Shuo Cui, Jingyan Li, PengFei Han , Study on corrosion resistance and photocatalysis of cobalt superhydrophobic coating on aluminum substrate. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Sct(2017), doi:[10.1016/j.surfcoat.2017.09.060](https://doi.org/10.1016/j.surfcoat.2017.09.060)

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.

**Study on corrosion resistance and photocatalysis of cobalt
superhydrophobic coating on aluminum substrate**

Bei Wu^a, Shixiang Lu^{a*}, Wenguo Xu^{a*}, Shuo Cui^a, Jingyan Li^a and PengFei Han^b

*^aSchool of Chemistry and Chemical Engineering, Beijing Institute of Technology,
Beijing 100081, P.R. China*

^bHe Bei Eye Hospital, No. 399 East Main Street, Xingtai, hebei 054000, P.R. China

Key words: Aluminum, Immersion coating, Annealing, Corrosion resistance,
Photocatalytic, Superhydrophobic

*To whom correspondence should be addressed. Tel: +86 10 68912667; Fax: +86

1068912631; E-mail address: shixianglu@bit.edu.cn (S.X. Lu); xuwg60@bit.edu.cn

(W.G. Xu)

Download English Version:

<https://daneshyari.com/en/article/5464374>

Download Persian Version:

<https://daneshyari.com/article/5464374>

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