Accepted Manuscript

Full Length Article

How does substrate roughness affect the service life of a superhydrophobic coating?

Xin Zhang, Jiliang Mo, Yifan Si, Zhiguang Guo

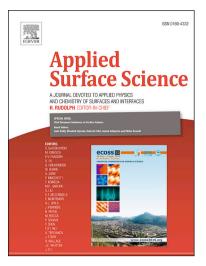
 PII:
 \$0169-4332(18)30251-4

 DOI:
 https://doi.org/10.1016/j.apsusc.2018.01.232

 Reference:
 APSUSC 38371

To appear in: Applied Surface Science

Received Date:5 July 2017Revised Date:10 January 2018Accepted Date:26 January 2018



Please cite this article as: X. Zhang, J. Mo, Y. Si, Z. Guo, How does substrate roughness affect the service life of a superhydrophobic coating?, *Applied Surface Science* (2018), doi: https://doi.org/10.1016/j.apsusc.2018.01.232

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.

How does substrate roughness affect the service life

of a superhydrophobic coating?

Xin Zhang^a, Jiliang Mo^{a,*}, Yifan Si^{b,c}, Zhiguang Guo^{b,c}

^a Tribology Research Institute, School of Mechanical Engineering,

Southwest Jiaotong University, Chengdu 610031, People's Republic of China

^b Hubei Collaborative Innovation Centre for Advanced Organic Chemical Materials and Ministry of Education Key Laboratory for the Green Preparation and Application of Functional Materials, Hubei University, Wuhan 430062, People's Republic of China

^c State Key Laboratory of Solid Lubrication, Lanzhou Institute of Chemical Physics,

Chinese Academy of Sciences, Lanzhou 730000, People's Republic of China

C

* Corresponding author. Tel.: +86 28 8760 0601; fax: +86 28 8760 3142. E-mail address: jlmo@swjtu.cn

1

Download English Version:

https://daneshyari.com/en/article/7834996

Download Persian Version:

https://daneshyari.com/article/7834996

Daneshyari.com