

## Accepted Manuscript

Correlation between morphology and electrochemical behavior of chromium-free conversion coatings for aluminum alloys corrosion protection

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PII: S0257-8972(18)30767-9  
DOI: doi:[10.1016/j.surfcoat.2018.07.068](https://doi.org/10.1016/j.surfcoat.2018.07.068)  
Reference: SCT 23634  
To appear in: *Surface & Coatings Technology*  
Received date: 6 May 2018  
Revised date: 19 July 2018  
Accepted date: 20 July 2018

Please cite this article as: Quentin Boyer, Maria R. Ortega Vega, Célia de Fraga Malfatti, Sandrine Duluard, Florence Ansart, Correlation between morphology and electrochemical behavior of chromium-free conversion coatings for aluminum alloys corrosion protection. *Sct* (2018), doi:[10.1016/j.surfcoat.2018.07.068](https://doi.org/10.1016/j.surfcoat.2018.07.068)

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