

Accepted Manuscript

Characterization and bioactivity of hydroxyapatite-based coatings formed on steel by electro-spark deposition and micro-arc oxidation

Salih Durdu, Kemal Korkmaz, Salim Levent Aktuğ, Ali Çakır



PII: S0257-8972(17)30729-6
DOI: doi: [10.1016/j.surfcoat.2017.07.039](https://doi.org/10.1016/j.surfcoat.2017.07.039)
Reference: SCT 22525
To appear in: *Surface & Coatings Technology*
Received date: 10 March 2017
Revised date: 14 July 2017
Accepted date: 18 July 2017

Please cite this article as: Salih Durdu, Kemal Korkmaz, Salim Levent Aktuğ, Ali Çakır , Characterization and bioactivity of hydroxyapatite-based coatings formed on steel by electro-spark deposition and micro-arc oxidation, *Surface & Coatings Technology* (2017), doi: [10.1016/j.surfcoat.2017.07.039](https://doi.org/10.1016/j.surfcoat.2017.07.039)

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.

**Characterization and bioactivity of hydroxyapatite-based coatings formed on steel by
electro-spark deposition and micro-arc oxidation**

Salih Durdu^{a,*}, Kemal Korkmaz^b, Salim Levent Aktuğ^b, Ali Çakır^b

^a *The Department of Industrial Engineering, Giresun University, Giresun 28200, Turkey*

^b *The Department of Materials Science and Engineering, Gebze Technical University, Gebze,
Kocaeli 41400, Turkey*

*Corresponding author: Salih Durdu, Ph.D

Affiliation: Giresun University

Address: Giresun University,

The Faculty of Engineering,

Gure Campus, Merkez, Giresun 28200, Turkey

Tel.: +904543104114

E-Mail Addresses: durdusalih@gmail.com; salih.durdu@giresun.edu.tr (Salih Durdu, Ph.D)

korkmazk@gtu.edu.tr (Kemal Korkmaz, Ph.D)

saktug@gtu.edu.tr (Salim Levent Aktuğ, Ph.D)

acakir@gtu.edu.tr (Ali Çakır, MSc.)

*Corresponding author. Tel: +904543104114 fax: +904543101749

E-mail address: durdusalih@gmail.com (Salih Durdu)

Download English Version:

<https://daneshyari.com/en/article/5464514>

Download Persian Version:

<https://daneshyari.com/article/5464514>

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