

# CivilFEM Class3 Error report

**ERROR Number:** SD2016003

**BUG Number:** D-01926

**First incorrect version:** CivilFEM 2015

**Will be corrected in version:** CivilFEM 2016 SP3

## Description of the Error:

The coefficient depending on the type of cement (S) is defined improperly according to EHE 08.

- S values defined in CivilFEM powered by Marc:
  - Normal hardening cements: 0.43
  - Rapid hardening cements 0.30
- S values according to EHE 2008 code:
  - Slow hardening cements : 0.38
  - Normal hardening cements:0.25
  - Rapid hardening cements:0.2

Consequently, some EHE code properties are wrongly calculated, therefore, checking and analysis results could be affected.

This bug only involves concrete materials which their material age is not equal to 28 days and reinforced concrete code is EHE 2008.

**Keywords:** EHE 08,concrete material

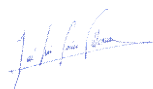
**GUI Access:**

**Suggested User Action For Running on Uncorrected Version:**

**Comments:**

01/08/2016

X



Author Signature  
Firmado por: José Luis Gómez

01/08/2016

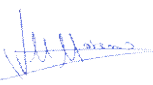
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Reviewed by QA Manager  
Firmado por: Hugo González

01/08/2016

X



Development Manager Approval  
Firmado por: José M. Moreno