



## DECLARATION OF PERFORMANCE

According to Construction Product Regulation (EU) No 305/2011 (CPR)

**DoP No. 0809-CPD-0609-EN**

1. Unique identification code of the product-type:

### **Sormat Through Bolts S-KA, S-KAK, S-KAH, S-KAH HCR**

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

**ETA-08/0173, Annex 1**

**Batch number: see packaging of the product.**

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

<b>GENERIC TYPE</b>	<i>Torque controlled expansion anchors (wedge type)</i>
<b>FOR USE IN</b>	<i>Cracked concrete C20/25 – C50/60 (EN 206) Covered sizes: M8, M10, M12 and M16</i>
	<i>Non-cracked concrete C20/25 – C50/60 (EN 206) Covered sizes: M8, M10, M12 and M16</i>
<b>OPTION</b>	<i>1</i>
<b>LOADING</b>	<i>Static and quasi static</i>
<b>MATERIAL</b>	<i><u>zinc-plated steel (marking S-KA):</u> dry internal conditions only covered sizes: all sizes</i>
	<i><u>hot dip galvanized steel (marking S-KAK):</u> dry internal conditions only covered sizes: all sizes</i>
	<i><u>stainless steel (marking S-KAH):</u> internal and external use without particular aggressive conditions covered sizes: all sizes</i>
	<i><u>highly corrosion resistant steel (marking S-KAH HCR):</u> internal and external use with particular aggressive conditions covered sizes: all sizes</i>

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

**Sormat Oy, Harjutie 5, FIN-21290 Rusko, Finland**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): --
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 1**
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard: --



8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

**VTT Expert Services Oy, Helsinki  
ETA-08/0173**

on the basis of

**ETAG 001-1, Option 1**

**The notified body 0809 performed under System 1**

- (i) Determination of the product type on the basis of type testing (including sampling), type calculation, tabulated values or descriptive documentation of the product;
  - (ii) Initial inspection of the manufacturing plant and of factory production control;
  - (iii) Continuous surveillance, assessment and evaluation of factory production control under system 1
- and issued the Certificate of Conformity 0809-CPD-0609.**

9. Declared performance:

<i>ESSENTIAL CHARACTERISTICS</i>	<i>DESIGN METHOD</i>	<i>PERFORMANCE</i>	<i>HARMONIZED TECHNICAL SPECIFICATION</i>
<i>CHARACTERISTIC RESISTANCE FOR TENSION</i>	<i>ETAG 001 annex C</i>	<i>ETA-08/0173, annex 5</i>	<i>ETAG 001-1</i>
<i>CHARACTERISTIC RESISTANCE FOR SHEAR</i>	<i>ETAG 001 annex C</i>	<i>ETA-08/0173, annex 6</i>	
<i>MINIMUM SPACING AND MINIMUM EDGE DISTANCE</i>	<i>ETAG 001 annex C</i>	<i>ETA-08/0173, annex 4</i>	
<i>DISPLACEMENT FOR SERVICEABILITY LIMIT STATE</i>	<i>ETAG 001 annex C</i>	<i>ETA-08/0173, annex 5 and 6</i>	

Where pursuant to Article 37 or 38 in the Specific Technical Documentation has been used, the requirements with which the product complies: --

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

  
 .....  
**Hervé NICOT**  
 Technical Director Sormat Group  
 Rusko, 28.06.2013

