

Declaration of Performance

according to Annex III of the Regulation (EU) No. 305/2011

HENSOTHERM® 320 KS

DoP No. EN 2013-07-008 HENSOTHERM® 320 KS - outdoor -

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| <p>1. Product Type
Unique identification code of the product-type</p> | <p>HENSOTHERM® 320 KS - outdoor -</p> |
| <p>2. Type
Batch or serial number or any other element allowing identification of the construction product as required under Article 11(4)</p> | <p>see the label on the bucket</p> |
| <p>3. Intended use
Or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer</p> | <p>Fire protection of steel structures with H- or I-profiles (columns and beams) and hollow sections (rectangular and circular) for fire resistance up to 120 minutes according to EN 13501-2 and for design temperatures from 350°C up to 750°C.</p> |
| <p>4. Name, registered trade name
or registered trade mark and contact address of the manufacturer as required under Article 11(5)</p> | <p>Rudolf Hensel GmbH Lack- und Farbenfabrik, Lauenburger Landstraße 11, 21039 Börnsen, Germany</p> |
| <p>5. Contact Address
Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2)</p> | <p>not relevant (see 4.)</p> |
| <p>6. AVCP
System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V</p> | <p>System 1</p> |
| <p>7. Notified body (hEN)
In case of the declaration of performance (DoP) concerning a production product covered by a harmonized standard</p> | <p>not relevant</p> |
| <p>8. Notified Body (ETA)
In case of the declaration of performance concerning a construction product for which a European Technical Assessment (ETA) has been issued</p> | <p>European technical approval ETA-11/0252 issued by Warrington Certification Limited on the basis of ETAG 018-2. The notified body 1121-CPD performed third party tasks as set out in Annex V under system 1 and issued certificate of conformity 1121-CPD GA 5007.</p> |

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9. Declared Performance

Essential characteristics	Performance	Technical specification
Mechanical resistance and stability	NPD	ETAG 018-2
Resistance to fire	R15 up to R120 Annex A ETA 11/0252	EN 13381-8 respectively EN 13501-2
Reaction to fire	Fire rating class E	EN 13501-1
Release of dangerous substances	The product specification has been compared with Annex XVII of REACH and the ECHA candidate list of Substances of Very High Concern and it does not contain such substances	
Safety in use	NPD	
Protection against noise	NPD	
Energy, Economy and Heat Retention	NPD	
Primer compatibility	<i>Steel substrates</i> -Alkyd resin, solvent based -Two component epoxy resin, solvent based on steel substrates <i>galvanized steel substrates</i> -Two component epoxy resin, solvent based	ETAG 018-2
Top coat compatibility	HENSOTOP 84 HENSOTOP 84 AUSSEN HENSOTOP SB	ETAG 018-2
durability	Type X, Y, Z2 and Z1	ETAG 018-2

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 (DoP) is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for the manufacturer and on behalf of the manufacturer:

Volker Thewes
Managing Director

Anja Peter (Dipl.-Ing. FH)
Technical Director

Börnsen, 1st of July 2013

Note: Besides the declaration of performance our approvals, technical data sheets and material safety data sheets for our HENSOTHERM® and HENSOMASTIK® products are available as pdf download on www.rudolf-hensel.de
For further questions concerning our products, our technical team is available by phone +49 (0)40/ 72 10 62-48.

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