



DECLARATION OF PERFORMANCE
according Annex III of the Regulation (EU) No 305/2011

Name of the product:
TOK[®]-Crete 45

No. 40-35988-3313

1. Unique identification code of the product-type:

EN 1504-3-3:2005: Principles 3.1/3.2/4.4/7.1/7.2

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

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:

Product for Structural and non-structural repair for concrete

Applying mortar by hand (3.1)

Recasting with concrete (3.2)

Structural strengthening by adding mortar or concrete (4.4)

Increasing cover to reinforcement with additional cementitious mortar or concrete (7.1)

Replacing contaminated concrete (7.2)

Fast setting, traffic repair mortar

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

DENSO GmbH

P.O. Box 15 01 20

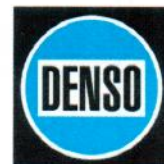
D-51344 Leverkusen

Germany

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not relevant





6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

AVCP system 2+ (for uses in buildings and civil engineering works)

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

EN 1504-3, AVCP system 2+:

The notified body:

Belgian Construction Certification Association

Aarlenstraat 53

1040 Brussels - Belgium

Identification number 0749

performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued:

Certificate of conformity of the factory production control **0749-CPR, BC2-563-4311-0001-1001**

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

Not relevant





9. Declared performance

Essential characteristics	Performance	Harmonised Technical specification
Compressive strength	class R4	EN 1504-3:2005
Chloride ion content	≤ 0,05 %	
Adhesive bond	≥ 2,0 MPa	
Restrained shrinkage/expansion	≥ 2,0 MPa	
Carbonation resistance	Pass	
Elastic modulus	≥ 20 GPA	
Thermal compatibility <ul style="list-style-type: none"> • Freeze/thaw • Thunder shower • Dry cycling 	≥ 2,0 MPa	
Skid resistance	Class I > 40 units wet tested	
Coefficient of thermal expansion	Not required	
Capillary absorption	< 0,5 kg*m ⁻² *h ^{-0,5}	
Reaction to fire	class A1	
Dangerous substances	Complies with 5.4 of EN 1504-3:2005	

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:

Lutz Schröder, Product Manager

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(name and function)

Leverkusen, January 2021

.....
(place and date of issue)



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(signature)