

Declaration of Performance

Isotal

Number of Declaration of Performance:

01 P5001 Isotal

1. Unique identification code of the product-type:
P5001 Isotal
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
P5001 Isotal
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
Non-shrinkage grouting mortar according to EN 1504-6 and CC mortar for structural repair of concrete class R4 according to EN 1504-3
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
**Kema d.o.o.
Puconci 393
9201 Puconci, Slovenia
Production No.: P5001**
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
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6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
**System 2+
System 4 reaction on fire**
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:
**EN 1504-3, EN 1504-6
ITC Institute for testing and certification Inc., Zlin, 1023; Laboratory Kema d.o.o.**

(name and identification number of the notified body, if relevant)

performed **Initial type test** under system **2+**

(description of the third party tasks as set out in Annex V)

and issued **Product Type Examination Report No.: 463500136/02, PTP-42/18, and Certificate of Internal Control No.: 1023-CPR-0139F**

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports – as relevant)

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

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(name and identification number of the Technical Assessment Body, if relevant)

issued -

(reference number of the European Technical Assessment)

on the basis of -

(reference number of the European Assessment Document)

performed -

(description of the third party tasks as set out in Annex V)

under system -

and issued -

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports – as relevant)

9. Declared performance:

Essential characteristics	Performance	Harmonized technical specification
Compressive strength:	Class R4 \geq 45 MPa	
The content of soluble chlorides:	\leq 0,05 %	EN 1504 -3
Bond strength:	Class R4 \geq 2,0 MPa	EN 1504 - 6
Shrunk shrinkage / expansion:	Class R4 \geq 2,0 MPa	
Carbonation resistance:	$d_k \leq$ reference concrete (MC(0,45))	
Elasticity modul:	Class R4: \geq 20 GPa	
Capillary absorption:	\leq 0,5 kg.m ⁻² .h ^{-0.5}	
Thermal compatibility, the reaction after 50 cycles of freezing - thawing:	Class R4: \geq 2 MPa	
Pull out strenght displacement:	\leq 0,6 mm at load 75 kN	
Reaction to fire class:	Euroclass A1	
Dangerous substances:	Complies	See material safety data sheet (MSDS)

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:

Director:

Mag. Wolfgang Marcher

Puconci, 06.09.2018



KEMA d.o.o.
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