

# Declaration of Performance

## Betonprotekt F

Number of Declaration of Performance:

### 01 P5001 Betonprotekt F

1. Unique identification code of the product-type:  
**P5001 Betonprotekt F**
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):  
**P5001 Betonprotekt F**
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:  
**Products and systems for protecting and repairing concrete structures. Cement-based polymer modified surface coating (C) for the principle 1 - (IP) protection against ingress.**
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.: 5001**
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+**
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:  
**SIST EN 1504-2:2004, ITC - Institute for testing and certification, 1023**  
(name and identification number of the notified body, if relevant)  
**performed initial type test, initial inspection of factory and of F.P.C., continuous surveillance assessments and approval of F.P.C. under system 2+**  
(description of the third party tasks as set out in Annex V)  
**and issued Product Type Examination Report No. 753500230 TR1/2009, Certificate of Factory Production Control No. 1023-CPR-0138F**

(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
Linear shrinkage:	NPD	EN 12617-1
Thermal expansion coefficient:	$\alpha \leq 30 \cdot 10^{-6} \text{ K}^{-1}$	EN 1770
Oblique shear test:	NPD	EN ISO 240
Permeability to CO <sub>2</sub> :	> 50 m	EN 1062-6
Permeability to water vapour:	$s_D < 5 \text{ m}$	EN ISO 7783-1
Capillary absorption and permeability to water:	$w < 0,1 \text{ kg/m}^2\text{h}^{0,5}$	EN 1062-3
Adhesion after thermal compatibility: (reeze salt cycling with de-icing salt immersion)	$\geq 0,8 \text{ N/mm}^2$ (50 cycles)	EN 13687-1
Resistance to thermal shock:	NPD	EN 13687-5
Chemical resistance:	NPD	EN ISO 2812-1
Crack bridging ability:	NPD	EN 1062-7
Adhesion strength I by pull-out test:	$\geq 0,8 \text{ N/mm}^2$	EN 1542
Slip/skid resistance:	NPD	EN 13036-4
Artificial weathering:	NPD	EN 1062-11:2002
Antistatic behaviour:	NPD	EN 1081
Adhesion on wet concrete:	NPD	EN 13578
Reaction to fire:	Euroclass A1	EN 13501-1
Dangerous substances:	Complies	See SDS

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:

Chief of department of development and quality:

**Stanko Polajner univ.dipl.inž.met.**

**Puconci, 30.06.2015**



**KEMA d.o.o.**  
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