



DECLARATION OF PERFORMANCE

Icosit® KC 220 N

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1. Product Type: Unique identification code of the product-type	Icosit®
2. Type batch or serial number or any other elemento allowing identification of the construction product as required under Article 11 (4) do RPC :	KC 220 N
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	Solvent-free, cold curing 2-pack transparent epoxy resin binder. It can be used pure or extended with quartz sand
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11 (5) do RPC:	Icosit® KC 220 N Sika Portugal Rua de Santarém, 113 4401-601 V.N. Gaia Portugal
5. Contact Address: Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12 (2) do RPC.	Not relevant (see 4)
6. AVCP: System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V	System 2+
7. Notified body (ENh): In case of the declaration of performance concerning a construction product covered by a harmonised standard.	APCER , Notified factory production control certification body n° 0866 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control n° 0866-CPD-2008/CE.0097
8. Notified body (ETA): In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued	Not relevant (see 7)

Declaração de Desempenho



9. Declared performance

Essential characteristics	Performance	Standard	Harmonized Technical Specification
Flexural modulus of elasticity	$\geq 2.000 \text{ N/mm}^2$	EN ISO 178	EN 1504-4: 2004
Compressive strength	$\geq 30 \text{ N/mm}^2$	EN 12190	
Modulus of elasticity in compression	$\geq 2.000 \text{ N/mm}^2$	EN 13412	
Pot life (20°C)	23 + 3 min	EN 12189	
Slant shear strenght	$\geq 6 \text{ N/mm}^2$	EN 12615	
Coefficient of thermal expansion	$\leq 100 \times 10^{-6}/\text{K}$	EN 1770	
Linear shrinkage	$\leq 0,1\%$	EN 12617-1	
Adhesion to concrete	Concrete failure	EN 12636 or EN 12615	
Testing of anchoring products by pull-out method	Displacement $\leq 0.6\text{mm}$ (load of 75kN)	EN 1881	EN 1504-6: 2006
Creep under sustained tensile load	Displacement $\leq 0.6\text{mm}$ (load of 75kN)	EN 1544	
Glass transition temperature	$\geq 45^\circ\text{C}$ or $T_{\text{amb}} + 20^\circ\text{C}$	EN12614	EN 1504-6:2007
Chloride content	$\leq 0.05\%$	EN 1015-17	

10. Declaration

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:



Richard Aubertin
General Manager



Cláudia Gomes
TMM Refurbishment

Vila Nova de Gaia, 17 de Dezembro de 2013

Ecology, Health and Safety Information (REACH)

" European Community Regulation on chemicals and their safe use (REACH: CE 1907/2006). This product complies with the terms of Regulation (CE) n ° 1907/2006 (REACH)".

- All substances contained in Sika products are:
- Pre-registered or registered by our suppliers and upstream (or
- Pre-registered by Sika and / or
- Exempt from registration

Legal notel:

This information is given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.