

DECLARATION OF PERFORMANCE

Nº DoP – 101794-01

1. **Unique identification code of the product-type:** TUBETÃO G GREY
2. **Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to nº 4 Article 11º:**
Bag: (time, date, number) marked on the packaging.
3. **Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:**
Repair non-structural concrete.
Use with low performance requirements in buildings and engineering works.
Use is subject to regulations on reaction to fire.
4. **Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to nº5 Article 11º:**
TOPECA, Lda,
Rua D. Nuno Alvares Pereira, 53, 2490-114 Cercal – Ourém, PORTUGAL
Tel.: 00 351 – 249 580 070 / Fax.: 00 351 – 249 580 079
www.topeca.com
5. **Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in nº2 article 12º.**
Not applicable
6. **System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:**
System 4
7. **In case of the declaration of performance concerning a construction product covered by a harmonised standard:**
CTCV – Technological Centre for Ceramics and Glass (nº855) and Topeca, performed test of performance under system 4 and issued the respective test report:
nº process: 3.1.5.25587.
8. **In case of the declaration of performance concerning a construction product for which a European technical assessment has been issued:**
Not applicable.
9. **Declared performance**

Essential Characteristics	Performance	Test Standard	Harmonised Technical Specification
Compressive strength	Class R1	EN 12190	NP EN 1504-3:2006
Chloride ion content	≤ 0.05%	EN 1015-17	
Adhesive bond	≥ 0.8 MPa	EN 1542	
Restrained shrinkage/expansion	≥ 0.8 MPa	EN 12617-4	
Carbonation resistance	NPD	EN 13295	
Elastic modulus	≥6 GPa	EN 13412	
Thermal compatibility – Part 1 Freeze/thaw	≥0.8 MPa	EN 13687-1	
Thermal compatibility – Part 2 Thunder shower	≥0.8 MPa	EN 13687-2	
Thermal compatibility – Part 4 Dry cycling	≥0.8 MPa	EN 13687-4	
Slip resistance	Class III	EN 13036-4	
Capillary absorption	≤ 1 Kg/m ² .h ^{0.5}	EN 13057	
Reaction to fire	Euroclass F		
Dangerous substances	See MSDS		

NPD – No Performance Determined; MSDS – Material Safety Data Sheet

Where pursuant to Article 37º or 38º the Specific Technical Documentation has been used, the requirements with which the product complies:
Not applicable.

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:

Ourém, June 28th 2013



Francisco Nunes
(Technical Manager)