



# Gray Cement

Declaration of Performance

Portland Cement  
**EN 197-1 - CEM I 42,5R**

Thessaloniki Plant



## Declaration of Performance No 654-CPR-0080


1. Unique identification code of the product type:  
**Portland composite Cement EN 197-1 - CEM I 42,5R**
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11 (4):  
**See 1**
3. Intended use or uses of the construction product in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:  
**Preparation of concrete, mortar, grout etc.**
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11 (5):  
**TITAN Cement SA, Thessaloniki Plant, 6.5 km of Thessaloniki Road - Lagadas 56 403 Efkarpia, Thessaloniki**
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12 (2):  
**Not applicable**
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V.  
**System 1+**
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:  
**Notified product certification body No. 654 performed the determination of the product-type on the basis of type testing (including sampling), the initial inspection of the manufacturing plant and of factory production control, the continuous surveillance, assessment and evaluation of factory production control and the audit-testing of samples taken before placing the product on the market under system 1+ and issued the certificate of constancy of performance.**
8. Declared performance

Essential characteristics	Performance	Harmonized technical specification
Common cements (subfamilies) constituents and composition	CEM I	EN 197-1:2011
Compressive Strength (early-standard)	42,5R	
Setting time	Pass	
Insoluble residue	Pass	
Loss on ignition	Pass	
Soundness		
- Expansion	Pass	
- SO <sub>3</sub> content	Pass	
Chloride content	Pass	
C3A Clinker content	Pass	

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. 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:

Quality Manager  
Thessaloniki Plant



Neoklis Manaris  
Thessaloniki, December 8<sup>th</sup>, 2017