

## Declaration of Performance

### N° 0970-CPR-0858/CE/0418

- Unique identification code of the product-type: **Rapid hardening sulfate resistant calcium sulphoaluminate based cement** with commercial name "i.tech ALICEM GREEN"
- Intended uses: **Preparation of concrete, mortar, grout and other mixes for construction and for the manufacture of construction products.** The use in concrete and mortar, particularly as regards type and strength class for different applications and exposure classes shall follow the appropriate standards and /or regulations valid in the place of use.
- Manufacturer: **ITALCEMENTI S.p.A., Via Stezzano, 87 - 24126 Bergamo (Italia) – Plant of Guardiaregia (CB)**
- System of AVCP: **1+**
- Harmonised standard: **ETA 17/0535**
- Notified body: **ITC-CNR, notified certification body N° 0970**
- Declared performances:

Essential Characteristics		Performances
Composition	Calcium sulphoaluminate clinker content	80 ± 7%
	Calcium sulfate content	20 ± 7%
Early strength 8h		≥ 12 MPa
Standard strength 28gg		Class 52.5
Initial setting time		≤ 25 min
Soundness		≤ 10 mm
Sulfate content (SO <sub>3</sub> )		≥ 15 e ≤ 25 %
Chloride content (Cl <sup>-</sup> )		≤ 0.18 %
Density		2.80 ± 0.2 g/cm <sup>3</sup>
Fineness (Blaine)		≥ 4500 e ≤ 5500 cm <sup>2</sup> /g
Calcium sulphoaluminate content		≥ 44 e ≤ 55 %
C <sub>3</sub> A content of the clinker		0 %

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by

At Bergamo, on 16/04/2018

DIRETTORE TECNICO  
  
 Ing. A. Rizzo



CPR NB n. 0970  
ITC – CNR  
Via Lombardia, 49  
20098 San Giuliano Milanese (MI) - Italia

**CERTIFICATE OF CONSTANCY OF PERFORMANCE**  
**0970-CPR-0858/CE/0418**

In compliance with Regulation (EU) N. 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction products Regulation or CPR), this certificate applies to the construction product

**“i.tech ALICEM GREEN”**

**Rapid hardening sulfate resistant calcium sulphoaluminate  
based cement**

**PAC 15: CEMENT, BUILDING LIMES AND OTHER HYDRAULIC  
BINDERS**

placed on the market under the name of

**Italcementi S.p.A.**

**Via Stezzano 87 - 24126 Bergamo (BG) - Italy**

and produced in the manufacturing plant

**Via Contrada Cese 5 - 86014 Guardiaregia (CB) - Italy**

This certificate attests that all the provisions concerning the assessment and verification of constancy of performance described in the documents

**ETA 17/0535 issued on 26/07/2017**

**and**

**EAD 150004-00-0301**

Under system 1+ for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

**constancy of performance of the construction product.**

This certificate was first issued on 2018/04/16 and will remain valid as long as neither the ETA, the EAD, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by notified product certification body.

San Giuliano Milanese, 2021/10/22

Revision n. 0

*The Technical Director*  
*Ing. Antonio Bonati*



*English translation of the Certificate of Constancy of Performance originally issued in Italian on 2018/04/16.*