



TECNO PIEMONTE

PROVE E CERTIFICAZIONI

ORGANISMO NOTIFICATO n° 1372

Sede legale: Via C. Pizzorno, 12 - 28078 ROMAGNANO SESIA (NO) *Sede operativa:* Statale Valsesia, 20 - 13035 LENTA (VC)

CERTIFICATE OF CONSTANCY OF PERFORMANCE

1372-CPR-3155

In compliance with Regulation (EU) No 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:

Description: **Common cement**

Trade name: **Blast furnace cement CEM III/B 42.5 N-LH/SR**

placed on the market under the name:

Company name: **BUZZI UNICEM S.r.l.**

Registered office: **Via Luigi Buzzzi, 6 - 15033 CASALE MONFERRATO (AL) Italy**

and produced in the manufacturing plant:

address: **Via Monte Santo, 10 - 13039 TRINO (VC) Italy**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:

EN 197-1:2011

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 26/02/2021 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body (Tecno Piemonte S.p.A.).

Current issue: Lenta, 02/01/2023

Revision 1 (underlined parts)

Technical Director
Dott. Ing. Raffaella Arrigoni



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CERTIFICATE OF CONSTANCY OF PERFORMANCE 1372-CPR-3155

In accordance with EN 197-1:2011, the tests for the assessment of the product performance were carried out under system of assessment and verification of constancy of performance 1+, getting the performance reported below:

Requirement from the Mandate	Clauses EN 197-1: 2011	Result obtained
Compressive strength (early and standard)	7.1, 8, 9	Pass
Setting time	7.2, 9	Pass
Soundness (expansion)	7.2, 9	Pass
Loss on ignition	7.3, 9	Pass
Insoluble residue	7.3, 9	Pass
Soundness (SO ₃ content)	7.3, 9	Pass
Chloride content*	7.3, 9	Pass
Heat of hydration	7.2.3, 9	Pass

*NOTE: Maximum chloride content declared by the manufacturer at 0.20% as per Par.7.3, Table 4, note e) of EN 197-1: 2011

The above reported performance shall be confirmed by the results of the audit control tests carried out periodically on samples taken at the production plant/depot by the Notified product certification Body (Tecno Piemonte S.p.A.).



DECLARATION OF PERFORMANCE

N° 1372-CPR-3155

According to the DELEGATED REGULATION (UE) n° 574/2014 of 21 February 2014

1. Unique identification code of the product-type:

Blast furnace Cement EN 197-1 – CEM III/B 42,5 N-LH-SR

2. Intended uses:

Preparation of concrete, mortar, grout or other mixtures for construction and manufacture of construction products, etc.

3. Manufacturer:

BUZZI UNICEM S.r.l. – Via L. Buzzi 6 – 15033 Casale Monferrato (AL) – ITALIA

4. Authorized representative:

Not applicable

5. AVCP system: (Assessment and Verification of Constancy of Performance)

System 1+

6.a harmonised standard:

UNI EN 197-1:2011

Notified bodies:

TECNOPIEMONTE, notified product certification body No 1372, 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

7. Declared performance

Essential characteristics	Performance
constituents and composition of common cement	CEM III/B
Compressive strength (early and standard)	42,5 N
Setting time	<i>Pass</i>
Insoluble residue	<i>Pass</i>
Loss of ignition	<i>Pass</i>
Soundness	
- Expansion	<i>Pass</i>
- SO ₃ content	<i>Pass</i>
Chloride content	<i>Pass</i>
Heat of hydration (LH)	<i>Pass</i>

8. Specific and/or Appropriate Technical Documentation:

Not applicable

The performance of the product identified above complies with all the declared performance. This declaration of performance is issued in conformity with Regulation (UE) n. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Paolo Zelano - Chief Executive Officer

Casale Monferrato, 02.01.2024