

DECLARATION OF PERFORMANCE

No 2M/24.10.2023

1. Unique product type identification code:
iron silicate fines
2. Type, batch or serial number or other element that allows product identification in accordance with Article 11, Para 4 of Regulation (EU) No 305/2011:
manufactured filler aggregate
3. Intended use of the construction product in accordance with the applicable harmonized technical specification:
for mortar production in buildings, roads and other civil engineering works in accordance with EN 13139:2002 and EN 13139:2002/AC:2004
4. Name, registered trade name and contact address pursuant to Article 11 Para 5 of Regulation (EU) No 305/2011:
Aurubis Bulgaria AD, Industrial zone, 2070 Pirdop
5. If applicable, name and contact address of authorized representative, whose power of attorney includes the tasks in Article 12, Para 2 of Regulation (EU) No 305/2011:
not applicable
6. System for assessment and verification of constancy of performance of the construction product as set out in Regulation (EU) No 305/2011, Annex V:
system 2+
7. In the case of performance concerning a construction product covered by a harmonized standard:
„Center for testing and European certification“ LTD, Notified certification body with identification number NB 1871 by the register of the European commission, assess initial control of the production and the production control, observe permanent monitoring, assessment and approval of the production control in accordance with system 2+ and publish Certificate of conformity of the factory production control 1871 - CPR - 0372.
8. In the case of declaration of performance of construction product, which has already a European Technical Assessment:
not applicable

9. Declared performance characteristics:

Main characteristics	Declared performance characteristics	Harmonized technical specification
Fine fraction, size and density of the grains	<p>Fine filler</p> <p>Grain size distribution - Percent passing through sieve with openings: 2 mm 100 % 0,125 mm 85 до 100 % 0,063 mm 70 до 100 %</p> <p>Density of the grains: 3,87 Mg/m³</p>	<p>EN 13139:2002 EN 13139:2002/AC:2004</p>
Composition/content	<p>Chlorides: 0,04 %</p> <p>Acid soluble sulfates: AS 0,8</p> <p>Total sulfur content: < 1%</p> <p>Components, which change setting time and hardening time of concrete: - content of organic impurities - humous content: not detected</p>	
Purity	Content of fine fraction: in accordance with the requirements by EN 12620:2002+A1:2008, table 7	
Durability	<p>Alkali-silica reaction*</p> <p>- content of soluble SiO₂: < 50 mmol/dm³</p> <p>- relative linear elongation of cement samples of age 6 month: not detected</p>	
Loss of ignition	Loss of ignition: ≤ 3%	
Water soluble particles	Water soluble particles: ≤ 1%	
Dangerous substance	<p>Content of natural radionuclides</p> <p>Index of specific activity*: I < 1</p>	

*Requirement by the national regulations

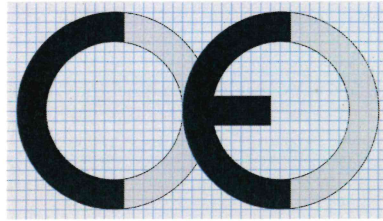
10. The performance of the product identified in items 1 and 2 corresponds to the declared characteristics in paragraph 9.

This declaration of performance is issued entirely under the responsibility of the manufacturer referred to in Para4.

Signed for and on behalf of the manufacturer by:
eng. Emanuela Manolova, PhD., Iron silicate business development manager

Place and date of issue: Pirdop, 24.10.2023

.....
(signature)



1871

„AURUBIS BULGARIA“ AD
Industrial zone, 2070 Pirdop

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1871-CPD-0372

EN 13139:2002
EN 13139:2002/AC:2004

Manufactured aggregate

**for production of mortars for buildings, roads and
other civil engineering works**

Fine fraction, size and density of the grains

Fine filler

Grain size distribution -

percent passing through sieve:

2 mm 100 %

0,125 mm 85 to 100 %

0,063 mm 70 to 100 %

Density of the grains: 3,87 Mg/m³

Composition/content

Chloride content: 0,04 %

Content of acid-soluble sulfates: AS_{0,8}

Total sulfur content, presented by SO₃: < 1%

Content of organic impurities: not detected

Humus content: not detected

Durability

Alkali-silica reaction*

- content of soluble SiO₂: < 50 mmol/dm³

- relative linear elongation of cement samples of
age 6 month: not detected

Dangerous substances

Content of natural radionuclides

Index of specific activity*: I < 1

*Requirement by the national regulations