DECLARATION OF PERFORMANCE

No. 01/2022

1. **Generic and commercial name of the product:** Portland composite cement STN EN 197-5 CEM II/C-M (S-LL) 32.5 R

2. **Type, batch or serial number or any other element allowing identification of the construction product:** CEM II/C-M (S-LL) 32.5 R

3. **Specified Slovak standard applicable to the product (designation, year of issue and name):** STN EN 197-5: 2022 Cement Part 5: Portland composite cement CEM II/C-M and composite cement CEM VI

4. **SK technical assessment, if issued for the product (designation and name) and name of the authorized body that has issued it:** not applicable

5. **Intended use of the product in accordance with the applied designated standard or SK technical assessment:** Cement is used for the preparation of concrete, mortar and grouting mortar and other mixtures for constructions and for the production of construction products in accordance with the provisions of STN EN 197-5.

6. **Business name, address of the registered office, ID of the manufacturer and place of production:** CEMMAC a.s., Company ID: 31412106, Cementárska 14/14, 91442 Horné Srnie, Slovak Republic

7. **Name and address of the authorized representative, if any:** not applicable

8. **The applied system or systems of assessment of parameters according to the Decree of the Ministry of Transport, Construction and Regional Development of the Slovak Republic No. 1623/2013 Coll.:** System I+

9. **Designation of the SK certificate and date of issue, if issued, and name of the authorised body issuing it:** SK04 – ZSV – 3081 issued on January 28, 2022, Technický a skúšobný ústav stavebný, n. o. *(Technical and Test Institute for Construction)*, Authorized Body No. TP04, Studená 3, 821 04 Bratislava, Slovak Republic

10. Declared performance:

Essential characteristics	Performance	Report on the test, calculation etc.	Lab. No.
Initial compression strength - after 2 days	≥ 10.0 MPa	Test Report No. 20-22-0018 dated 11.1.2022	1
Standardized compression strength - after 28 days	≥ 32.5 MPa ≤ 52.5 MPa		
Start of solidification	≥ 75 min.		
Volumetric stability (expansion)	≤ 10 mm		
Sulphate content (as SO_3)[1)]	≤ 4.5 % by weight		
Chlorides content [1)]	≤ 0.10 % by weight		
Main component - blast furnace slag and limestone content except clinker	(36- 50) % by weight		
Main component - clinker content	(50- 64) % by weight		
Health hazards	Safety data sheet	Safety data sheet Portland composite cement. Composite cement, version 1 dated 24.11.2021	-
Mass activity index	≤ 1	Test Report No.: 040-070032/2022 dated 6.1.2022	2
[1)] Limit values for individual results			

Lab. No.	Name and address of the test laboratory
1	Accredited Testing Laboratory, TSÚS, Testing Facility Bratislava, Studená 3, 821 04 Bratislava
2	Technický a zkušební ústav stavební Praha, s.p. - Branch Teplice, Tolstého 447, 415 03 Teplice 3 - Řetenice - Czech Republic

Title of the specific technical documentation according to Sec. 5 of the Act and date of its issue, if used: not applicable

11. **The manufacturer declares that the product defined in points 1 and 2 has the parameters of essential characteristics according to point 10.**
12. **This SK declaration of performance is issued under the sole responsibility of the manufacturer identified in point 6.**

Signed for and on behalf of the manufacturer by:

Ing. Martin Kebísek, MBA

Chairman of the Board of Directors

In Horné Srnie dated 07.04.2022