

## DECLARATION OF PERFORMANCE

No. OKTO-murske 4-8, 2023

1. Unique identification code of the product-type: **OKTO-murske 4-8**
2. Intended use of the construction product:  
**Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction**
3. Name and contact address of the manufacturer: **Outokumpu Chrome Oy, 95490 Tornio, tel. +358 16 4521**
5. System of assessment and verification of constancy of performance of the construction product: **System 2+**
- 6a. In accordance with the harmonized standard: **EN 13242:2002+A1:2007**  
Notified body: **No. 0416, Inspecta sertifiointi Oy**  
Certificate number: **0416-CPR-3591-04**
7. Declared performance

Essential characteristics	Performance	Harmonised technical specification												
Particle size	4/8 mm	EN 13242:2002+A1:2007												
Category	G <sub>C</sub> 85-15, G <sub>Tc</sub> 20/15													
Particle density	3,10 ... 3,20 Mg/m <sup>3</sup>													
Cleanliness	f <sub>2</sub>													
Percentage of crushed and broken surfaces	NPD													
Resistance to fragmentation/crushing	LA <sub>20</sub>													
Volume stability	NPD													
Water absorption	WA <sub>24</sub> 1													
Composition/content	<table style="margin: auto;"> <tr><td>SiO<sub>2</sub></td><td style="text-align: right;">30 %</td></tr> <tr><td>Al<sub>2</sub>O<sub>3</sub></td><td style="text-align: right;">26 %</td></tr> <tr><td>MgO</td><td style="text-align: right;">23 %</td></tr> <tr><td>Cr</td><td style="text-align: right;">8 %</td></tr> <tr><td>Fe</td><td style="text-align: right;">4 %</td></tr> <tr><td>CaO</td><td style="text-align: right;">2 %</td></tr> </table>		SiO <sub>2</sub>	30 %	Al <sub>2</sub> O <sub>3</sub>	26 %	MgO	23 %	Cr	8 %	Fe	4 %	CaO	2 %
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Al <sub>2</sub> O <sub>3</sub>	26 %													
MgO	23 %													
Cr	8 %													
Fe	4 %													
CaO	2 %													
Total sulfur	S <sub>1</sub>													
Resistance to attrition	NPD													
Dangerous substances:	NPD													
Emission of radioactivity Release of heavy metals Release of polyaromatic carbons Release of other dangerous substances														
Durability against weathering	NPD													
Durability against freezing and thawing	F <sub>1</sub>													

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:

Eveliina Karjalainen, Senior Manager, Outokumpu Stainless Oy

1.8.2023, Tornio