

# Declaration of performance

Number: 2023-003  
Rijswaard facing brick




|  |   |
|--|---|
| <b>(4) Manufacturer:</b>   |   |
| Steenfabriek De Rijswaard B.V.<br>De Rijswaard 2<br>NL-5308 LV AALST   | Tel: +31 (0)418 - 55 22 21<br>Fax: +31 (0)418 - 55 29 00<br>www.rijswaard.nl  |
|  |   |
| (1) Unique identification code of the product- type  | <b>Brons/Grijs</b>  |
| (2) Typenumber   | 104711713<br><b>Pewter Grey Flame WF HV</b>   |
| (3) Intended use or uses of the construction product/bouwproduct   | Units for use in unprotected masonry walls, columns and partitions.   |
| (6) System or systems of assessment and verification of constancy of performance of the construction product | <b>2+</b>   |
| (7) Notified body  | Notified Body KIWA 0620-CPD performed under system 2+ the initial inspection of the manufacturing plant and of the factory production control, performed the continuous surveillance, assessment and evaluation of the factory production control and issued the certificate of conformity of the factory production control. |

|  |                                  |                         |  |
|--|----------------------------------|-------------------------|--|
| <b>(9) Declared performance:</b>           |                                  |                         |  |
| Dimensions                                 | <b>WF 210x100x50</b>             |                         | <b>U<br/>Metselbaksteen,<br/>Categorie I<br/>volgens EN771-<br/>1:2011<br/>+<br/>A1:2015</b> |
| Length                                     | <b>210</b>                       | mm                      |  |
| Width                                      | <b>98</b>                        | mm                      |  |
| Height                                     | <b>49</b>                        | mm                      |  |
| Dimensional tolerance                      | <b>T2</b>                        |                         |  |
| Range category                             | <b>R1</b>                        |                         |  |
| Flatness of bed faces                      | <b>NPD</b>                       |                         |  |
| Parallellisme legvlakken                   | <b>NPD</b>                       |                         |  |
| Gross dry density                          | <b>1500</b>                      | kg/m <sup>3</sup>       |  |
| Net dry density                            | <b>NPD</b>                       | kg/m <sup>3</sup>       |  |
| Tolerance Volumetric Mass: Class / %       | <b>DM   ±15</b>                  | %                       |  |
| Total volume frog                          | <b>&lt;20%</b>                   |                         |  |
| Group Eurocode                             | <b>1</b>                         |                         |  |
| Mean compressive strength                  | <b>≥ 15</b>                      | N/mm <sup>2</sup>       |  |
| Normalised compressive strength            | <b>≥ 15</b>                      | N/mm <sup>2</sup>       |  |
| Bond strength                              | <b>0.15 / 0.30</b>               |                         |  |
| Thermal conductivity                       | <b>50/50: 0.45 / 90/90: 0.48</b> |                         | W/mK   |
| Water vapour permeability                  | <b>5/10</b>                      |                         |  |
| [Durability : freeze/thaw resistance]      | <b>F2</b>                        |                         |  |
| Water absorption                           | <b>≤ 18 %</b>                    | m/md                    |  |
| Initial rate of water absorption           | <b>1.5 - 4.0</b>                 | kg/(m <sup>2</sup> min) |  |
| Active soluble salt content                | <b>S2</b>                        |                         |  |
| [Dimensional stability: Moisture movement] | <b>NPD</b>                       |                         | mm/m   |
| Dangerous substances                       | <b>Voldoet</b>                   |                         | <b>NL-BBK</b>  |
| Reaction to fire                           | <b>A1</b>                        |                         |  |

(10) The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of the manufacturer by

Atse Blei General Management



Aalst (NL) 24-Oct-2024