





<b>Declaration of performance</b> Number <b>477</b> <b>Nelissen facing bricks</b>											
(1) Unique identification code of the product-type: <b>MANGANESE BLACK</b>	(6) System or systems of assessment and verification of constancy of performance of the construction product: <b>2+</b>	(4) Manufacturer <b>Nelissen facing bricks</b> <b>Kiezelweg 460</b> <b>B-3620 Lanaken</b> <b>Tel: +32 (0)12 44 02 44</b> <b>Fax: +32 (0)12 45 53 89</b>		<b>NB 0749</b> <b>EN 771-1</b> <b>2011</b> <b>+A1:2015</b>				 <b>06</b> 			
(2) Type number: <b>3</b>	(7) Notified body: <b>Notified Body BCCA N° NB 0749 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>	<a href="http://www.nelissen.be">www.nelissen.be</a>									
(3) Intended use or uses of the construction product: <b>Units for use in unprotected masonry walls, columns and partitions.</b>	(9) Declared performance: <i>For available sizes refer to the product sheet and / or website.</i>										
Dimensions	M50	M65	RF	WV50	WV65	N70/4	N70/5	NNF	Dubio		
Length (mm)	<b>188</b>	<b>188</b>	<b>208</b>	<b>209</b>	<b>213</b>	<b>239</b>	<b>239</b>	<b>241</b>	<b>240</b>		
Width (mm)	<b>88</b>	<b>88</b>	<b>100</b>	<b>100</b>	<b>101</b>	<b>72</b>	<b>72</b>	<b>108</b>	<b>70</b>		
Height (mm)	<b>51</b>	<b>64</b>	<b>40</b>	<b>49</b>	<b>65</b>	<b>40</b>	<b>50</b>	<b>73</b>	<b>70</b>		
Normalised compressive strength. (N/mm <sup>2</sup> )	<b>Cat. I , □</b>		<b>22</b>	<b>25</b>	<b>22</b>	<b>22</b>	<b>25</b>	<b>15</b>	<b>24</b>	<b>26</b>	<b>26</b>
Mean compressive strength (N/mm <sup>2</sup> )			<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>20</b>	<b>30</b>	<b>30</b>	<b>30</b>
Tolerance category	T2										
Range category	R1										
Flatness of bed faces	NPD										
Plane parallelism of bed faces	NPD										
Gross dry density	<b>1600(D2)</b>							Kg/mm <sup>3</sup>			
Net dry density	NPD							Kg/mm <sup>3</sup>			
Configuration	1										
Bond strength	NPD							N/mm <sup>2</sup>			
Thermal conductivity (λ10,dry,mat(90,90))	(λ10,dry,mat) EN1745 Annex A					<b>0,59 (S2)</b>		W/mK			
Thermal conductivity	(λ10,dry,mat) EN1745 Annex A					<b>0,55 (S1)</b>		W/mK			
Water vapour permeability	5/10										
Durability against freeze thaw	F2										
Water absorption	13							%			
Initial water absorption	<b>1,5&lt;IW&lt;=4 (IW Klasse 3)</b>					Kg/(m <sup>2</sup> .min)					
Active soluble salts	S2										
Dimensional stability: moisture expansion	NPD							Mm/m			
Reaction to fire	A1										
Dangerous substances	NPD										
(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:											
Burt Nelissen (General Management)											
											
Lanaken (B) 18.05.2020											