




<b>Declaration of Performances (DoP)</b>  DoP-Nr.: 2018-SK-KM699	 <b>STEENFABRIEK KLINKERS B.V.</b> TRADITIONEEL HANDWERK OP MAAT
<b>Declaration of Performances</b>	
Product-type: <b>WDF Ashvale Blend</b>	<b>Steenfabriek Klinkers BV</b> <b>Brusselseweg 700</b> <b>6219 NP Maastricht</b> <b>The Netherlands</b>
Type number: <b>KM 699</b>	
Add code to dimensions	
Intended use of the construction product, in accordance with the relevant harmonized technical specification, as determined by the manufacturer:  HD products for use in unprotected masonry walls and columns.	<b>NEN EN 771-1</b>
System for assessment and verification of constancy of performance of the construction product.	<b>2+</b>
The notified body IKOBKB 0957, preformed under system 2+ the initial inspection of the manufacturing plant and 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.	
Appearance: Full hand form brick with frog	
<b>Declaration of Performances</b>	<b>EN 771-1</b>
Length x Width x Height	<b>218 x 104 x 65</b> mm
Dimensional tolerances (l/w/h)	T1 $\pm$ 6/4/4 mm
Range (l/w/h)	R1 9/6/4 mm
Flatness of bed faces	NPD
Parallelism of bed faces	NPD
Gross dry density	1550 kg/m <sup>3</sup>
Net dry density	NPD kg/m <sup>3</sup>
Density tolerance: Class / %	D1 $\pm$ 10 %
Volume of frogs	NPD %
Group Euro code	1
compressive strength * perpendicular to bed faces	
* Mean compressive strength perpendicular to bed faces	15 N/mm <sup>2</sup>
* Normalized compressive strength perpendicular to bed faces	15 N/mm <sup>2</sup>
Compressive strength not perpendicular to bed faces	NPD
Bond strength	NPD N/mm <sup>2</sup>
Thermal conductivity $\lambda_{10,dry}$ , unit	0,45 W/m.K EN 1745
Water vapor permeability	5/100 EN 1745
Durability against freeze/thaw: freeze/thaw resistance	F2
Free water absorption	18 %
Initial rate of water absorption	IW>4 kg/m <sup>2</sup> .min
Active soluble salts content	S2
Dimensional stability : moisture movement	NPD mm/m
Dangerous substances	Complies NL-BBK
Reaction to fire	NPD
This declaration of performance is issued under the exclusive responsibility of the manufacturer.  Signed for and on behalf of the manufacturer by:  Place and date of issue	I. Brabant (General Manager)    Maastricht (NL), 20-6-2018