DECLARATION OF PERFORMANCE

RF: MD40 2022

PRODUCT TYPE:	**Piece of baked clay for the manufacture of masonry, type HD**	**Heylen Ceramics** Nieuwstraat 50 2840 RUMST
TRADE NAME:	**MD40 SMOKED**	
INTENDED USE:	**For use in exterior and interior elements; with acoustic, thermal and fire resistance structural requirements.**	
EVALUATION SYSTEM AND VERIFICATION OF THE CONSTANCY OF PERFORMANCE: **4**		

MD40 SMOKED

heylen ceramics

TREASURES OF THE EARTH

PERFORMANCES DECLARED

Essential Features	Features	Harmonized technical
Dimensions: Length x Width x Height	**240 X 110 X 40 mm**	EN-771-1:2011 + A1:2016
Weight:	240 X 110 X 40 = 2 Kg	
Average compressive strength:	**>32N/mm2**	
Normalized compressive strength:	**>25 N/mm2**	
Type of cut:	**By roughing.**	
Suction Rate:	**<1,95 kg/m2 min**	
Water absorption:	**< 10%**	
Moisture expansion:	**<0,75 mm/m**	
Active soluble salts:	**Not efflorescence product: Class S2**	
Reaction to fire:	**Euroclass A1**	
Absolute dry density:	**1840 kg/m3**	
Bulk density:	**1760 kg/m3**	
Thermal equivalent conductivity:	**0,39 W/mK.**	
Resistance to ice / thaw:	**FROST RESISTANT**	

The performances of the identified product comply with the declared performances in the table.
The present declaration of performance is issued under the sole responsibility of Heylen Ceramics.

Name and Position: **Heylen Marleen, zaakvoerder**

Place and date of issue: **Rumst 2022**