

Declaration of Performance

No. 36017-03

Valid from 27/05/2020

1. type

RT547 UNIKA HELIOS WATERSTRUCK
Varenr. 3 547 40 00

2. Intended use

U Bricks for use in unprotected masonry

3. Manufacturer

Randers Tegl A/S, HAMMERSHØJ TEGLVÆRK
TINDBÆKVEJ 16
8830 TJELE

4. System of AVCP

2+

5. Notified body

Dancert A/S with identification no. 1073 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory under system 2+ and issued the certificate of conformity of the factory production control with the no.1073-CPR-M199

6. Declared performance:

Essential characteristics:		Performance	Harmonized technical standard
Dimensions, [mm]:	Length	240	EN771-1 :2011+A1 :2015
	Width	115	
	Height	71	
Tolerance, [mm]	T2	L±4 B±3 H±2	
Range, [mm]	Rm	L 15, B 7, H 5	
Configuration	Shape and features	Massive	
	EN1996-1-1	G1	
Compressive strength [N/mm ²]	Category	1	
	average, min	25	
	normalized, min	20	
	Direction of load	Perpendicular to bed faces	
Dimensional stability		NPD	
Bond strength		NPD	
Active soluble salts content (Category)		S2	
Reaction to fire		A1	
Water absorption Maximum Weight%		14	
Water vapour permeability		NPD	
Direct airborne sound insulation [kg/m ³]	Gross density	1800	
	Tolerance ± 10 %	D1	
Thermal resistance		NPD	
Durability against freeze/thaw		F2	
Dangerous substances		NPD	

7. The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued under the sole responsibility of the manufacturer identified above. Signed for and on behalf of the manufacturer by:

Kresten Ejlskov Hansen, Teknisk Direktør



27/05/2020

Signature