CE

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605

EN295-6:2013

Vitrified clay manhole DN 1000 - FN 100 - C

Buried drain and sewer systems for the conveyance of wastewater

Essential characteristics	**Performance**
Reaction to fire	Class A1
Mechanical resistance, as:	
Crushing strength (F_N)	100 kN/m
Dimensional tolerances, concerning:	
Joint system of chamber rings and inspection chamber raising pieces	System C
Internal diameter of pipeline connections	Within tolerance
Angle of curvature and radius of channel bends	Within tolerance
Branch angle of channel junctions	Within tolerance
Opening size, as:	
Internal diameter	Within tolerance
Watertightness of manholes and inspection chambers	Tight
Durability of crushing strength, against:	
Chemical resistance	≤ 0,15% loss of mass
Resistance against high pressure water jetting • Moving nozzle • Stationary nozzle	 12 MPa 28 MPa
Water absorption	< 6% of mass
Durability of watertightness, against:	
Chemical and physical resistance to effluent	Tight
Thermal cycling stability	Tight
Long term thermal stability	Tight

Declaration of Performance 605		
1. Unique identification	Vitrified clay manhole DN 1000 – FN 100 - C	
2. Type		
3. Intended use	Buried drain and sewer systems for the conveyance of wastewater	
4. Name and contact address of the manufacturer	Steinzeug-Keramo N.V. Paalsteenstraat 36 B-3500 Hasselt Belgium Telephone: +32 11 265 279	
5. Name and contact address of the authorised representative	N.A.	
6. System of assessment and verification of the construction product	System 4	
7. Declaration of performance concerning a construction product covered by a harmonised standard	Yes	
8. European Technical Assessment issued	N.A.	
9. Declared performance:		
Essential characteristics	**Performance**	**Harmonised technical specification**
Reaction to fire	Class A1	EN295-6:2013
Mechanical resistance, as:		
Crushing strength (F_N)	100 kN/m	
Dimensional tolerances, concerning:		
Joint system of chamber rings and inspection chamber raising pieces	System C	
Internal diameter of pipeline connections	Within tolerance	
Angle of curvature and radius of channel bends	Within tolerance	
Branch angle of channel junctions	Within tolerance	
Opening size, as:		
Internal diameter	Within tolerance	
Watertightness of manholes and inspection chambers	Tight	
Durability of crushing strength and jacking strength, against:		
Chemical resistance	≤ 0,15% loss of mass	
Resistance against high pressure water jetting • Moving nozzle • Stationary nozzle	 12 MPa 28 MPa	
Water absorption	< 6% of mass	
Durability of watertightness, against:		
Chemical and physical resistance to effluent	Tight	
Thermal cycling stability	Tight	
Long term thermal stability	Tight	
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:

Name and function: Mr. R. van Veldhoven, Quality Director

Place and date: Frechen, 2 July 2013 Signature: