

	
Steinzeug-Keramo N.V. Paalsteenstraat 36 B-3500 Hasselt Belgium Telephone: +32 11 265 279 13 106	
EN 295-1:2013 EN 295-4:2013 KERA.Pro Vitrified clay pipe system DN200 – FN48 – C Buried drain and sewer systems for the conveyance of wastewater (including domestic wastewater, surface water and rainwater) under gravity and periodic hydraulic surcharge or under continuous low head of pressure.	
Essential characteristics	Performance
Reaction to fire	Class A1
Crushing strength (F_N)	48 kN/m
Durability of crushing strength and longitudinal bending strength, against:	
Chemical resistance	≤ 0,15% loss of mass

Declaration of Performance nr 106	
1. Unique identification	KERA.Pro Vitrified clay pipe system DN200 – FN48 – C
2. Intended use	Buried drain and sewer systems for the conveyance of wastewater (including domestic wastewater, surface water and rainwater) under gravity and periodic hydraulic surcharge or under continuous low head of pressure.
3. Name and contact address of the manufacturer	Steinzeug-Keramo N.V. Paalsteenstraat 36 B-3500 Hasselt Belgium Telephone: +32 11 265 279
4. System of assessment and verification of the construction product	System 4
5. Harmonised standard	EN 295-1:2013 EN 295-4:2013

6. Declared performance:		
Essential characteristics	Performance	Harmonised standard
Reaction to fire	Class A1	EN 295-1:2013 EN 295-4:2013
Crushing strength (F _N) ^{a)}	48 kN/m	
Bending moment resistance (BMR) ^{b)}	8,6 kNm	
Dimensional tolerances, concerning:		
Internal diameter ^{e)}	Pass	
Length ^{f)}	Pass	
Squareness of ends ^{f)}	Pass	
Straightness ^{a)}	Pass	
Angle of curvature and radius ^{c)}	Pass	
Branch angle ^{d)}	Pass	
Continuity of invert ^{e)}	Pass	
Joint inter-changeability	Pass	
Tightness (gas and liquid) and Permeability as:		
Watertightness	Pass	
Airtightness	Pass	
Watertightness of joint assemblies, as:		
Angular deflection	Pass	
Shear resistance	Pass	
Durability of crushing strength and longitudinal bending strength against:		
Chemical resistance	≤ 0,15% loss of mass	
Resistance against high pressure water jetting <ul style="list-style-type: none">Moving nozzle 12 MPaStationary nozzle 28 MPa	Pass	
Durability of watertightness, against:		
Chemical and physical resistance to effluent	Pass	
Thermal cycling stability	Pass	
Long term thermal stability	Pass	
a) Only for pipes and connectors GA/GZ b) Only for pipes c) Only for bends d) Only for junctions & repair junctions e) Only for pipes, bends, junctions, repair junctions, connectors & adaptors f) Only for pipes, junctions, repair junctions, connectors & adaptors		
The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.		

Signed on behalf of the manufacturer

Name: Mr. R. van Veldhoven

Place and date: Frechen, 31.12.2024

Signature:

