



Sweillem Vitrified Clay Pipes CO.

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EN 295-1:2013

Vitrified Clay Pipes for drains and sewers buried in ground
DN 1000 – 2.0 – FN 95 - C

Reaction to fire	Class A1
Crushing strength (F_N)	95 KN/m
Longitudinal bending strength:	
- Bending moment resistance (BMR)	NPD
Dimensional tolerances, concerning:	
- Internal diameter	Pass
- Length	Pass
- Squareness of ends	Pass
- Straightness	Pass
- Continuity of invert	Pass
- Joint inter-changeability	System C
Watertightness (gas and liquid) and permeability as:	
- Watertightness	Pass
- Airtightness	Pass
Durability of watertightness against:	
- Chemical and physical resistance to effluent	Pass
- Thermal cycling stability	Pass
- Long term thermal stability	Pass
Durability of crushing strength and longitudinal bending strength, against:	
- Chemical resistance	< 0.15
- Resistance against high pressure water jetting	28 MPa
- Water absorption	< 6.0 % Wt.

HEAD OF QUALITY CONTROL
Ahmed Mohamed Wahid





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EN 295-1:2013

Vitrified Clay connector for drains and sewers buried in ground

DN 1000 – 0.75 GZ FN 95 – C

DN 1000 – 0.75 GA FN 95 - C

Reaction to fire	Class A1
Crushing strength (F_N)	95 KN/m
Longitudinal bending strength:	
- Bending moment resistance (BMR)	NPD
Dimensional tolerances, concerning:	
- Internal diameter	Pass
- Length	Pass
- Squareness of ends	Pass
- Angle of curvature	Pass
- Continuity of invert	Pass
- Joint inter-changeability	System C
Watertightness (gas and liquid) and permeability as:	
- Watertightness	Pass
- Airtightness	Pass
Durability of watertightness against:	
- Chemical and physical resistance to effluent	Pass
- Thermal cycling stability	Pass
- Long term thermal stability	Pass
Durability of crushing strength and longitudinal bending strength, against:	
- Chemical resistance	< 0.15
- Resistance against high pressure water jetting	NPD
- Water absorption	< 6.0 % Wt.

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Sweillem Vitrified Clay Pipes CO.

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EN 295-1:2013

Vitrified Clay connector for drains and sewers buried in ground
DN 1000 – 0.25 GE FN 95 - C

Reaction to fire	Class A1
Crushing strength (F_N)	95 KN/m
Longitudinal bending strength:	
- Bending moment resistance (BMR)	NPD
Dimensional tolerances, concerning:	
- Internal diameter	Pass
- Length	Pass
- Squareness of ends	Pass
- Straightness	Pass
- Continuity of invert	Pass
- Joint inter-changeability	System C
Watertightness (gas and liquid) and permeability as:	
- Watertightness	Pass
- Airtightness	Pass
Durability of watertightness against:	
- Chemical and physical resistance to effluent	Pass
- Thermal cycling stability	Pass
- Long term thermal stability	Pass
Durability of crushing strength and longitudinal bending strength, against:	
- Chemical resistance	< 0.15
- Resistance against high pressure water jetting	NPD
- Water absorption	< 6.0 % Wt.

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