

DECLARATION OF PERFORMANCE

KA1710

item	Product	unique identification code	type designation
1	Sewer manholes	TBR-Q1...; TBS-Q1...; TBZ-Q1...; TZK-Q1...	CSB-Sewer elements
2		TBR-Q1...XA3; TBS-Q1...XA3; TBZ-Q1...XA3; TZK-Q1...XA3	CSB-Sewer elements for XA3 environments

	Intended usage	Building components for inlet shafts, used for the inspection, maintenance, ventilation and deaeration of sewers.
	Manufacturer ID No.	CS-BETON s.r.o., Velké Žernoseky 184, 41201 Litoměřice 47287586
	System used to assess and verify performance constancy	4
	Notified body	Not specified
	Technical documentation	Initial test of type 030-054042
		Initial test of type 030-054828

Declared properties

item	Basic characteristics	Property		Harmonised technical specifications
1-2	Inlet holes	> 600 mm		ČSN EN 1917:2004
1-2	Load class	E600		ČSN EN 1917:2004 4.3.6
1-2	Load-bearing capacity at peak pressure	80 kN/m		ČSN EN 1917:2004 4.3.5
1-2	Load-bearing capacity of built-in steps	bending	rupture	ČSN EN 1917:2004
		max 10 mm under vertical load of 2kN with permanent bending max 2 mm	≥ 5 kN pulling force	
1-2	Watertightness	no leakage		ČSN EN 1917:2004
1-2	Compressive strength (concrete)	> 50 Mpa		ČSN EN 1917:2004 4.2.2
1-2	Durability	requirements met		ČSN EN 1917:2004
1	Environment aggressiveness	XF4		ČSN EN 206+A1:2018
2	Environment aggressiveness	XF4, XA3		ČSN EN 206+A1:2018
1-2	Material	concrete		ČSN EN 1917:2004
	Note: Sewer manhole TBS-Q.1 DN 1000 hs 250 t 120 mm is produced with steel reinforcement.			

The product properties are in accordance with the properties listed in the table, and apply to quality class 1.

In accordance with the EP and Regulation (EC) 1907/2006, the products do not contain hazardous substances included on the candidate list of hazardous chemicals.

This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 at the manufacturer's sole responsibility.

In Velké Žernoseky

Date: 8.9.2020

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