

Declaration of Performance

This declaration of performance relates to the following precast concrete components for use in a manhole or in an inspection chamber:

**Cover Slabs
DN900 to DN3000 & LN1200 x WN750**

The intended use is to permit access to, and allow aeration of, drain or sewer systems for the conveyance of sewage, rainwater and surface water under gravity or occasionally under low head of pressure, mainly installed in areas subjected to vehicular and / or pedestrian traffic

The products are manufactured by:

**Elite Precast Concrete Limited
Halesfield 9,
Telford
Shropshire TF7 4QW**

The system of attestation of conformity:

System 4

These products are covered by the harmonized standard:

BS EN 1917:2002

Essential characteristic	Performance	Harmonised technical specification
Opening sizes	As clause 5.5.3 of BS 5911-3:2022	EN 1917:2002 clause 3.1.1.6
Mechanical resistance	Characteristic compressive strength of concrete = 40N/mm ² (40MPa) DN900 to DN1200 & LN1200 x WN750	EN 1917:2002 clause 4.2.2.2
	Vertical strength 300kN	EN 1917:2002 clause 4.3.6
	DN1350 to DN1800: Vertical proof load 1 x 250kN	BS5911-3:2022 clause 6.2
	DN2100 to DN3000: Vertical proof load 2 x 250kN	BS5911-3:2022 clause 6.2
Load bearing capacity of any installed steps	N/A - there are no installed steps in these products	EN 1917:2002 clause 4.3.7
Water tightness	N/A	
Durability	Adequate for normal serviceability conditions	EN 1917:2002 clause 4.3.10



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**ELITE PRECAST CONCRETE LIMITED,
HALESFIELD 9, TELFORD, SHROPSHIRE TF7 4QW
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EN 1917:2002

**Precast component for use in a manhole or in an inspection chamber
Reinforced concrete shaft/chamber section**

- Water tightness:** No leakage of joint at 50kPa (0.5 bar) internally
- Mechanical resistance:** Vertical strength 300kN (120kN proof load)
- Opening sizes:** DN900 - 600 x 600 or 675 x 675
DN1050 - 600 x 600 or 675 x 675 or 750 x 750
DN1200 to DN3000 - 600 x 600 or 675 x 675 or
750 x 600 or 1200 x 675
LN1200 x WN750 - 600 x 600 or 675 x 675 or 750 x 600
- Durability:** Adequate for normal serviceability conditions

Signed for and on behalf
of the manufacturer:



Richard Doody
Commercial Director

Dated 08.08.2024



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