

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 in DN 1050 and DN1200
Seating rings / adjusting units**

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 5.4.5 of BS 5911-3:2010+A1:2014 | EN 1917:2002 clause 4.3.3.5 |
| Mechanical resistance | Characteristic compressive strength of concrete = 40N/mm ² (40MPa) Vertical strength 300kN (120kN proof load) cover slabs only | EN 1917:2002 clause 4.2.2.2 EN 1917:2002 clause 4.3.6 |
| 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 | No leakage of the joint under 50kPA (0.5 bar) internal water pressure (cover slabs only) | EN 1917:2002 clause 4.2.2.2 |
| Durability | Adequate for normal serviceability conditions | EN 1917:2002 clause 4.2.2.2 |



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Declaration of Performance



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 cover slab

Water tightness: No leakage of joint at 50kPa (0.5 bar) internally
Mechanical resistance: Vertical strength 300kN (proof load 120kN)
Opening sizes: DN 1050 - 600 x 600 or 675 x 675
DN 1200 - 600x600 or 675 x 675 or 750 x 600 or 750 x 750
Durability: Adequate for normal serviceability conditions



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EN 1917:2002
Precast component for use in a manhole or in an inspection chamber
Reinforced concrete seating ring / adjusting unit

Opening sizes: 600 x 600 or 675 x 675 or 750 x 600 or
750 x 750 or 1200 x 675
Durability: Adequate for normal serviceability conditions

Signed for and on behalf
of the manufacturer:

Richard Doody
Commercial Director

Dated 17.08.2022

ELITE
PRECAST CONCRETE

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