

Declaration of Performance Manhole rings DN1050 with steps

This Declaration of Performance relates to **UNREINFORCED** concrete chamber units of the following sizes fitted with double **STEPS**:

- **DN1050**

The intended use for these products 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 at low head of pressure mainly installed in areas subjected to vehicular and/or pedestrian traffic.

The products are manufactured by:

Stanton Bonna Concrete Limited
Littlewell Lane
Stanton by Dale
Ilkeston
Derbyshire
DE7 4QW

The Companies authorized representative who is contactable at the above address is:

A. W. Fielding - Technical Manager.

The system of assessment and verification of constancy of performance of the product is:

System 4.

The above products are covered by:

BS EN 1917 : 2002

| Essential Characteristic | Performance | Harmonised technical specification |
|---|---|------------------------------------|
| Opening size | NOT APPLICABLE | NOT APPLICABLE |
| Mechanical resistance | Strength Class 30 | BS EN 1917:2002 cl.4.3.5 |
| Load bearing capacity of any installed step | Deflection \leq 5mm under 2kN vertical load with permanent deflection \leq 1mm. Resistant to 5kN pull-out force. | BS EN 1917:2002 cl.4.3.7 |
| Watertightness | No leakage of joint or pipe at 50 kPa (0.5 bar) internally | BS EN 1917:2002 cl.4.3.8 |
| Durability | Adequate for normal serviceability conditions. | BS EN 1917:2002 cl.4.3.10 |

The performance of the products listed above are in conformity with the declared performance tabulated above.

The declaration of performance is issued under the sole responsibility of the manufacturer stated above.

Signed for and on behalf of the manufacturer by:

A. W. Fielding - Technical Manager

Stanton by Dale 31st July 2013