# House Inspection Chamber

Marshalls
Civils & Drainage




Rectangular manhole units have a tongue and groove joint and are manufactured and tested in accordance with BS EN 1917/BS 5911-4. These units comply with the recommendations in the 'Sewers for Adoption' in Scotland and Sewer Sector Guidance - Appendix C in England and Wales, where the manhole from ground level to the soffit of the pipes is less than 1.5m in light or main road situations. Meets DCG (Design Construction Guidance) for acceptance by all major water companies.

| DESCRIPTION | |
|---|---|
| **Manufacturing process** | Semi dry pressed and vibrated / wet cast concrete |
| **Base raw material** | Concrete |
| **Governing manufacturing standards** | BS EN 1917:2002 and BS5911-4:2002+A2:2010 |
| **CE marking / DOP** | https://dop.marshalls.co.uk/dop/ |

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Date Created: 14/04/26

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| MATERIAL DETAILS | |
|---|---|
| **Water absorption (%)** | Not exceeding 6% by mass |
| **Water Tightness** | Meets the requirements of the standard |
| **Material density** | 2300kg/m³ (typically) |
| **Emission of abbestos** | No content |
| **Reaction to fire** | Class A1 see European Comission Decision 2000/605/EC |

| FURTHER INFORMATION | |
|---|---|
| **Product evolution** | Marshalls reserve the right to amend the techical information as deemed necessary and in accordance with the relevant national and international standards without notice. The evolution of new product design is continuous and information is subject to change without notice. Customers should check with the supplier to ensure thatthey have the latest detail. |
| **Contact us** | For technical information on the design, specification and construction when utilising the product, contact Group Technical Servcies on 0370 411 2233 |

| SUSTAINABILITY | |
|---|---|
| **Carbon footprint** | Available upon request |
| **Design life** | Service life of over 120 years |

## CHAMBER SECTION

| PHYSICAL PROPERTIES | INTERNAL HEIGHT (MM) | INTERNAL WIDTH (MM) | SECTION DEPTH (MM) | WALL THICKNESS (MM) | WEIGHT (KG) |
|---|---|---|---|---|---|
| **H604515B** | 450 | 600 | 150 | 50 | 44 |
| **H604522B** | 450 | 600 | 225 | 50 | 58 |
| **H604530B** | 450 | 600 | 300 | 50 | 86 |
| **H756015B** | 600 | 750 | 150 | 60 | 67 |
| **H756022B** | 600 | 750 | 225 | 60 | 100 |
| **H756030B** | 600 | 750 | 300 | 60 | 134 |
| **H106715B** | 675 | 1000 | 150 | 65 | 83 |
| **H106722B** | 675 | 1000 | 225 | 65 | 130 |

## COVER SLAB

| PHYSICAL PROPERTIES | TO SUIT CHAMBER SECTION (MM) | HEIGHT (MM) | EFFECTIVE DEPTH (MM) | OVERALL DEPTH (MM) | WIDTH (MM) | WEIGHT (KG) | MATERIAL |
|---|---|---|---|---|---|---|---|
| **H6045TOP** | 600 x 450 | 675 | 50 | 85 | 825 | 42 | Metal |
| **H7560TOP** | 750 x 600 | 720 | 50 | 60 | 870 | 44 | Metal |
| **H1067TOP** | 1000 x 675 | 825 | 50 | 60 | 1150 | 89 | Metal |
| **H60&75T+C** | 600 x 450 | 680 | 120 | 120 | 845 | 46 | Concrete |
| **H60&75T+C** | 750 x 600 | 715 | 120 | 120 | 865 | 67 | Concrete |
| **H1067T+C** | 1000 x 675 | 825 | 160 | 170 | 1150 | 190 | Concrete |

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