

No: MC02 – Mells Manholes & Inspection Chambers
Sizes not exceeding DN/LN 1250

(for size and date of manufacture see markings on product/s)



**Marshalls CPM, Mells Road, Mells, Frome,
Somerset, BA11 3PD**

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EN1917:2002
DoP Ref: MD02

Reinforced/unreinforced concrete chamber unit with/without double steps for use in a manhole or inspection chamber.

Watertightness:

- No leakage of joint or unit at 50 kPa (0.5 bar) internally - Manholes.
- No leakage of joint or unit at 30 kPa (0.3 bar) internally – Inspection Chambers.
- No leakage of joint or unit at 15 kPa (0.15 bar) internally – Units \leq DN1000 or LN/WN 1000/675.

Mechanical resistance:

- Strength class 30 - DN900 & DN1050
- Strength class 25 - DN1200 & LN1200 x WN750
- Strength class 40 - LN < 600
- Strength class 30 - LN 600 - 799
- Strength class 20 - LN 800 - 999
- Strength class 15 - LN 1000

Load bearing capacity of installed double steps (when fitted at factory):

- deflection \leq 10mm under 2 kN vertical load, with permanent deflection \leq 2mm.
- resistant to 5 kN pull-out force.

Durability: Adequate for normal serviceability conditions.