



CONDRON CONCRETE WORKS LTD

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**EN1917:2002**

**N.B. 305/2011**

**Precast component for use in a manhole/Inspection/Catchpit Chamber.**

**Unreinforced concrete chamber unit with installed single steps.**

**Reinforced (R) concrete chamber unit with installed single steps.**

**Watertightness:**

**No leakage of joint or unit at 50 kPa internally Manholes**

**No leakage of joint or unit at 30 kPa internally Inspection Chambers**

**Mechanical resistance: Strength Class:**

<b>Nominal Size DN</b>	<b>Single Strength Class</b>
<b>900</b>	<b>30</b>
<b>1050</b>	<b>30</b>
<b>1200( R)</b>	<b>25</b>
<b>1350( R)</b>	<b>25</b>
<b>1500( R)</b>	<b>20</b>
<b>1800( R)</b>	<b>20</b>
<b>2100( R)</b>	<b>18</b>
<b>2400( R)</b>	<b>18</b>
<b>3000( R)</b>	<b>18</b>

**Load bearing capacity of installed steps:**

- Deflection  $\leq$  5mm under 2 kN vertical load, with permanent deflection  $\leq$  1mm;
- Resistant to 5 kN pull-out force.

**Durability: Adequate for normal serviceability conditions**

