

<b>Test Code Sheet Number</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>10</b>
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WBS TEST & ACCEPTANCE CRITERIA

Issue No: 1  
Date of issue: May 1995

Sheet 1 of 1

TEST CODE SHEET

**1. TYPE OF TEST(S)**

Impact

**2. BYELAW REQUIREMENT FOR FITTINGS (SEE APPLICATION LIST BELOW)**

52. Every water fitting shall be constructed of materials, the nature, the strength and the thickness of which ..... will prevent, so far as is reasonably practicable, damage from ..... (a) any external load; (b) ..... stress .....

**3. BRITISH STANDARDS OR WATER SPECIFICATION, DEEMED TO SATISFY BYELAW REQUIREMENTS**

3.1 Fittings with 'kitemarks' which are deemed to satisfy the requirements of byelaws are listed in the directory.

**4. TEST PROCEDURE**

4.1 Tests applicable to the following fittings:-

**A PANEL OF A SECTIONAL (NON-INSULATED) GLASS FIBRE REINFORCED PLASTICS CISTERNS, FOR COLD WATER STORAGE**

**(A) METHOD OF TEST FOR IMPACT RESISTANCE**

(Derived from BS 7491: Part 3)

Apparatus

An impacting mass of 1kg ( $\pm 0.1$ kg) with a hemi-spherical lower surface of diameter 50mm ( $\pm 2$ mm).  
A horizontal support, to enable the periphery of the panel to be supported.

TEST METHOD

Bolt the panel horizontally on to its panel support.

Note: The panel may be restrained where appropriate in a manner simulative of the method of installation.

Drop the impacting mass vertically from a height of 2m ( $\pm 0.01$ ) into the centre of the panel. Observe and record if the panel suffers any cracking. Repeat with two further panels.

**5. CRITERIA**

There shall be no visible indication of damage to the fittings as a result of the above test.