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Issue No: 3
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Sheet 1 of 1

TEST CODE SHEET

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

Accelerated ageing.

2. **WATER REGULATIONS REQUIREMENTS FOR FITTINGS**

3. Every water fitting shall -
(b) be constructed of materials of such strength and thickness as to resist damage from external load, vibration, stress or settlement, pressure surges, or temperature fluctuation to which it is likely to be subjected.

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-

THERMOPLASTIC PIPES AND FITTINGS FOR HOT AND COLD WATER
- for free standing domestic appliances

(A) **THERMOPLASTIC PIPES AND PIPE FITTINGS**

(Derived from BS7291: Part 1: Appendix C)

TEST METHOD

The fittings shall be installed in accordance with the manufacturers instructions in a circulatory system connected to a water supply that can be controlled in temperature and pressure.

Water at the claimed maximum operating temperature $\pm 5^{\circ}\text{C}$ and the maximum operating pressure (± 0.5 bar) shall be circulated through the test system for a period of 10 min (± 1 min) water shall then be circulated through the test system at the maximum operating pressure (± 0.5 bar) and ambient temperature ($20^{\circ}\text{C} \pm 5^{\circ}\text{C}$) for 10 mins. This constitutes one cycle. The test should be maintained for 500 cycles.

5. **CRITERIA**

There shall be no visible indication of leakage or localised swelling during the above test.

Upon completion of the test the pipes shall be capable of meeting the acceptance criteria of test 1112/1 without any signs of leakage.

The pressure to which the pipe, fitting etc. has been tested shall be recorded. Visual inspection of the pipe system shall be carried out daily, excluding weekends.