

INTERNAL TESTS

Arc washbasin

Sample: Arc washbasin
 Date: 30/06/2025
 Tester #1: Jonathon Drummond
 Tester #2: Lizzie Waters
 Reason for test: Strength & Stability Tests

Test Type	Photos	Comments (including pass/fail)
Kick Test - rubber mallet		<p>A rubber paving maul (weighing approx. 8kg) hit against the side for 5 minutes.</p> <p>Observations - No damage.</p> <p>- Pass</p>
Mini Impact Test		<p>Implements range from plastic (39g) to metal (1.17kg). Each implement is dropped from heights of 5 cm, 10 cm, and 15 cm. After an implement has been dropped from all three heights, the weight is increased for the next implement.</p> <p>Observations - Light scratching, minor damage from all implements.</p> <p>- Pass</p>
Surface Test		<p>Starting from an 8B pencil we push at an approx. 45-degree angle into the surface and if there isn't any damage we move up to the next pencil the hardest being 4H.</p> <p>Results: No scratching on the surface; all pencils passed (tested up to 4H).</p> <p>-Pass</p>

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Test Type	Photos	Comments (including pass/fail)
Scratch Test		<p>Starting from an 8B pencil we push at an approx. 45-degree angle into the surface and if there isn't any damage we move up to the next pencil the hardest being 4H.</p> <p>Results: No scratching on the surface; all pencils passed (tested up to 4H).</p> <p>-Pass</p>

Summary

The washbasin samples successfully passed material testing, including surface, scratch, and mini-impact assessments. The kick test performed at the base of the basin was successful; this test was conducted using a soft-faced hammer, which allowed for some absorption of impact with each strike.

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