

UPWARD FLEX TEST

Arc washbasin

Sample: Arc washbasin (accessible)
Date: 30/06/2025
Tester: Jonathon Drummond
Reason for test: Upward Flex Test

Test Type	Comments (including pass/fail)
Upward Flex Test	<p>The sink passed the push test with an upward force of 457N which is an equivalent to 46kg, and it did not move, flex or deform.</p> <p>This test was conducted on the accessible sinks because the underside is often exposed and more vulnerable to unintentional contact. Users in wheelchairs may apply upward force when manoeuvring close to the sink for daily use. Over time, this can place stress on the sink's structure, particularly in unsupported or poorly reinforced areas.</p> <p>- Pass</p>

Photos



Summary

The Arc washbasin exhibited no visible flexing, movement, or material deformation under the applied load this is considered structurally sound.

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