

Tile Access Pro – Testing & Performance

Test	Product Tested	Finish	Result
1. Deflection Test – 88kg Load	Tile Access Pro XPS Board	N/A	Loaded with 88kg. Board deflected under load but did not break or fail.
2. Push Through Test – 68kg	Bath Panel	Mastic Finished Hatch	68kg applied directly to the access hatch. No push through or failure.
3. Pull Off Test – 30kg	Bath Panel	Mastic Finished Hatch	Suspended 30kg from the access hatch. Magnetic system remained secure.
4. Shower Test – 1 Hour	Bath Panel	Mastic Finished Hatch	Continuous shower exposure for one hour. No leaks detected.
5. Flood & Jet Wash Test	Bath Panel	Mastic Finished Hatch	Flooded and pressure washed. No water ingress or leaks detected.
6. Cycle Test	Tile Access Pro Magnetic Hatch	N/A	Opened and closed 500 times with no loss of function or magnetic performance.
7. Site Abuse Test	Retro-Fit Wall Panels	Mastic & Grout Finished Hatches	Subjected to impacts from tools, timber, kicks and site abuse. Continued to function correctly.
8. Shower Test – 1 Hour	Wall Access Panel	Grout Finished Hatch	Continuous shower exposure. No leaks detected.
9. Pull Off Test – 25kg	Wall Access Panel	Grout Finished Hatch	Suspended 25kg from the access hatch. No failure recorded.
10. Pull Off Test – 20kg	Retro-Fit Panel Installed in Plasterboard Wall	Mastic Finished Hatch	Suspended 20kg from the installed hatch. No failure recorded.
11. Destruction Test	Bath Panel	Tiled Installation	Surrounding tiled finish destroyed. Panel and concealed magnetic access remained operational.
12. Destruction Test	Wall Access Panel	Mastic Finished Hatch	Surrounding tiles destroyed with hammer. Panel remained secure and functional.

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13. Destruction Test	Retro-Fit Panel Installed in Plasterboard Wall	Mastic Finished Hatch	Surrounding construction damaged. Retro-fit access system remained operational.
14. Post- Installation Plumbing Access Demonstration	Bath Panel	Installed & Tiled	Plumbing components successfully installed through the Tile Access Pro access hatch after the bath panel had been fully tiled and completed, demonstrating future serviceability and installation flexibility.
15. Static Load Test - 180kg	Vanity Module	Tiled Installation	A static load of 180kg was applied to the tiled module. No deformation, movement or damage was observed.
16. Static Load Test - 102kg	150 x 150mm L-Shaped Pipe Boxing Module	Tiled Installation	A static load of 102kg was applied to the tiled module. No deformation, movement or damage was observed.