

ANSI/BIFMA X 5.6-2003	Comparison	Rationale
5.1 - Force stability test	same	Same as before
5.2 - Impact stability test	same	Editorial changes only.
5.3 - Force Stability Test for Screens	same	Same as before
6.2 - Panel system strength test - Functional	same	Same as before
6.3 - Panel system strength test - Proof	same	Editorial changes only.
7 - Panel glide assembly strength test	same	Same as before
8.1 - Horizontal surface concentrated functional load tests	same	Same as before
8.2 - Horizontal surface distributed functional load tests	same	Same Procedure as before. However it has now a category for pencil drawers (same loading rate as X5.5 2008). Display shelves deeper than 7 inches must also be loaded now.
8.3 - Horizontal surface concentrated proof load tests	same	Same as before
8.4 - Horizontal surface distributed proof load tests	same	Same as before
8.5 - Transaction surfaces torsional load test	same	Same as before
8.6 - Functional load test for panel mounted storage units	same	Editorial changes only.
8.7 - Proof load test for panel mounted storage units - stat	same	Editorial changes only.
9.1 - Test for extendible element locks	same	Editorial changes only.
9.2 - Force test for door locks	same	Same as before
10.1 - Work surface durability (Top load ease test)	same	Some size and height related exceptions added. Number of cycles lowered (now harmonized with X 5.5 2008). Same test procedure.
10.2 - Wear and fatigue tests for hinged doors	same	Test # changed to 11.6. Cycle rate adjusted to harmonize with X 5.5
10.3 - Drop test for horizontally hinged doors - cyclic	same	Test # changed to 11.11. No other change.
10.4 - Wear and fatigue test for horizontal receding door	Testing required	Test # changed to 11.8. Then number of cycles to be done at each end of the door and in the center has changed. Reset interval went from 5000 to 500 cycles. Change in cycle rate for harmonization purposes with X 5.5
10.5 - Wear and fatigue test for vertical receding door	same	Test # changed to 11.7. Same as before. The # of cycles was reduced for harmonization purposes with X 5.5
10.6 - Sliding and roll front door wear and fatigue test	Testing required	Test # changed to 11.6. Cycle rate adjusted to harmonize with X 5.5. Position of attachment for cycling changes as a function of pull type and the corresponding number of cycles per position varies

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10.7 - Slam test for sliding and roll front door with free fall open or closed	same	Test # changed to 11.12. Same as before
10.8 - Slam open and closed test for sliding and roll front doors that do not free fall	same	Test # changed to 11.13. Door travel added for large doors.
10.9 - Slam open / closed test for vertically hinged doors	same	Test # changed to 11.10. Same as before.
10.10 - Door latch test	same	Test # changed to 11.14. Same as before.
10.11 - Cycle test for extendible elements deeper than wide	same	Test # changed to 10.2. Range of rate of cycling widened.
10.12 - Cycle test for extendible elements wider than deep	same	Test # changed to 10.3. Range of rate of cycling widened.
10.13 - Cycle test for center / pencil drawers	same	Test # changed to 10.4. Range of rate of cycling widened.
10.14 - Out stop test	same	Test # changed to 10.5. Editorial changes only.
10.15 - Rebound test	same	Test # changed to 10.6. Same as before.
10.16 - Locking mechanism cycle test for all locks	same	Test # changed to 10.7. Same as before.
10.17 - Adjustment tests for adjustable keyboard surfaces and input device supports	same	Test # changed to 10.8. Same as before.
10.18 - Work surface vertical adjustment tests	Testing required	Test # changed to 10.9. Operating force requirement for hand crank driven mechanisms (11.2 lbf) added. This harmonises the test with X 5.5-2008.
10.19 - Vertically or horizontally hinged door out stop tests	same	Test # changed to 11.9. Same as before.
11.1 - Upward Force Static Disengagement Test for Panel Mounted Components	same	Test # changed to 12.1. Same as before. Better defined acceptance level
11.2 - Upward Force Impact Disengagement Test for Panel Mounted Components	same	Changed to 12.2. Same as before.
12 - Pull force test	same	Changed to 12.2 Same as before.

New tests not in X 5.6-2003

ANSI/BIFMA X 5.6-2010	Comparison	Rationale
11.2 - Strength test for Vertically Hinged Doors, Bi-Fold Doors and Vert. Receeding doors	Testing required	New test added to harmonize with X 5.5
11.3 Hinge Override Test for Vertically Hinged Doors	Testing required	New test added to harmonize with X 5.6
11.4 Vertical Receeding Doors Strength Tests	Testing required	New test added to harmonize with X 5.7
11.5 Horizontal Receeding Door Strength Test	Testing required	New test added to harmonize with X 5.8