

Furniture Domestic and kitchen storage units and kitchen worktops

Safety requirements and test methods

The EN 14749 + FprA1:2021 standard

The standard

The FprA1: 2021 document is an addition to the EN 14749: 2016 standard which, even if still at draft level, once approved will substantially replace the previous version.

The 2021 updates

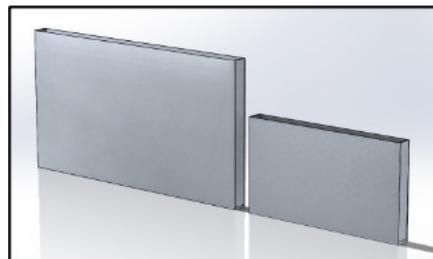
Product information: applicable to both furniture to be attached to the building and to free standing storage units. In addition to the safety warnings, for TV-furniture the maximum size and weight of the TV set, shall be included.

Stability tests for TV-furniture: new requirements and new test methods have been added.

The 2021 updates for the tests in the laboratory

In order to reproduce the TV during the tests, two templates constructed as a frame or box are introduced.

The TV template for TV-furniture



template 2

template 1

TV Template 1: size of screen \leq 32 inch

TV Template 2: size of screen $>$ 32 inch

Find out about new additional tests on the next page...

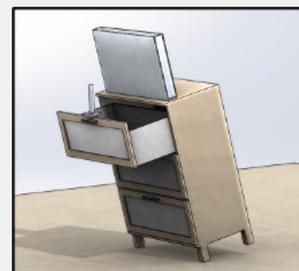
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New additional tests for TV-furniture

STORAGE AREAS LOADED. Stability with doors and extension elements opened.

The TV template is positioned with the centre of gravity at 150 mm from the front edge of the storage unit. A vertical downwards force at the centre of the front of the open extension element/door is applied both with the unloaded template (weight 10 kg) and with the loaded template as per manufacturer specifications (40 kg if not specified).



With the application of these forces, the TV-furniture **shall not overturn**.

STORAGE AREAS UNLOADED. Stability with doors and extension elements closed.

The TV template is positioned with the centre of gravity at 150 mm from the front edge of the storage unit. With the cabinet unloaded and all the doors and drawers closed, a horizontal outwards overturning moment (60 N/m) is applied at the most onerous point both with the unloaded template (Weight 10 kg) and with the loaded template as per manufacturer specifications (40 kg if not specified).

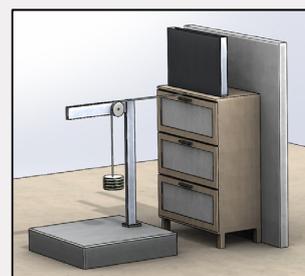


With the application of these loads and forces, the TV-furniture **shall not overturn**.

WALL ATTACHED TV-FURNITURE. Horizontal forces.

Applicable only to units with height of the TV support surface > 600 mm above the floor and with brackets. With the loaded unit and attached to the building following the instructions provided, a horizontal force of 200 N is applied in the middle of the top front edge.

The test is carried out both with extension elements/doors closed and opened.



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