

The ANSI/BHMA A156.1 standard for butts and hinges now includes a section for concealed hinges.

This standard classifies the hinges into light-weight, standard-weight, heavy-weight, double-weight, and triple-weight. While European EN standards require only 200,000 cycles to be tested, BHMA took it to a new level and requires up to 1,000,000 cycles.

- Grade 1 requires 1,000,000 cycles
- Grade 2 requires 500,000 cycles
- Grade 3 requires 200,000 cycles
- Double Weight and Triple Weight requires 200,000 cycles

This new standard provides objective testing guidelines to categorize the performance level of concealed hinges, which allows the specifier to select the correct hinge for the application, such as door weight and anticipated frequency of usage.

SIMONSWERK's TECTUS TE 526 3D, TE 527 3D, and TE 540 3D concealed door hinges have passed the highest testing requirements, 1,000,000 cycles, for heavy-weight hinges.

The TECTUS TE 640 3D and TE 626 3D A8 have passed the tests for triple-weight hinges.

The TECTUS TE 340 3D was tested to 500,000 cycles.

If you would like more information on specifying concealed hinges in your next project, please visit us online at www.simonswerk-usa.com or call our office at 262-472-8500.

