

EU STANDARD EN 1527

Helaform products have been tested in accordance with the European EN 1527 test requirements.

Helaform products have been tested in accordance with the European Test Standards EN 1527 in an independent and accredited institute. The products are safe, durable, wear resistant and are maintenance free for decades. We give a 10 year warranty against any manufacturing defects, breakages or excessive wear during normal use. The warranty only covers sliding door systems, which have been installed according to the manufacturer's instructions.

The European Standard EN 1527 defines objective quality criteria for a complete set of fittings for sliding doors.

CRITERIA ARE DEFINED BY THE FOLLOWING TESTS:

Load resistance

The tracks, hangers and brackets are tested with a load equal to twice the rated maximum loading.

Wear resistance

Resistance is measured by the number of opening and closing cycles.

All sliding door gears must remain in perfect condition throughout the test.

Initial friction

Measures the maximum force required to open and close the door.

The test is performed with the maximum rated capacity.

Standard EN 1527 determines the standard conditions in which the tests are performed. This provides a good basis for comparisons between different products in the same category.

The tests performed by VTT Technical Research Center of Finland have shown that Helaform sliding door systems meet the requirements according to the standard SFS-EN 1527.

TEST RESULTS ACCORDING TO THE STANDARD SFS-EN 1527* & EN 1527:2013

Helaform sliding door series	30*	75	100*	150*	SAGA 150	300	500	900
Resistance Grade 1 - 6	Grade 6 100 000 cycles	Grade 6 100 000 cycles	Grade 6 100 000 cycles	Grade 4 50 000 cycles	Grade 3 25 000 cycles	Grade 3 25 000 cycles	Grade 3 25 000 cycles	Grade 6 150 000 cycles
Door weight Grade 1 - 4	Grade 1	Grade 2	Grade 2	Grade 3	Grade 3	Grade 3	Grade 4	Grade 4
Door type 3 grades	Grade 1 Sliding door	Grade 1 Sliding door	Grade 1 Sliding door	Grade 1 Sliding door	Grade 1 Sliding door	Grade 1 Sliding door	Grade 1 Sliding door	Grade 1 Sliding door
Initial friction Grade 1 - 3	16N Grade 3	12N Grade 3	13 N Grade 3	24 N Grade 3	31 N Grade 3	42 N Grade 3	148 N Grade 2	-