
TEST REPORT

dtd 06/08/2017

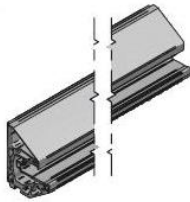
Test Made

Load resistance test

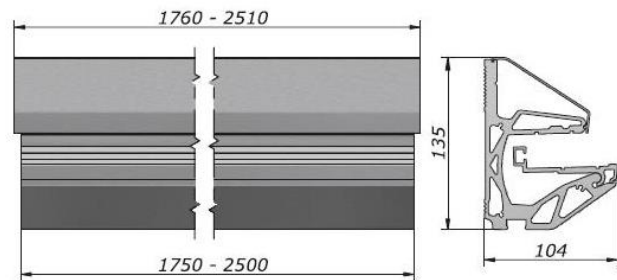
Description of Sample tested

Portion of canopy composed by n. 1 laminated glass sheet of 8 mm tempered + SG + 8 mm tempered with dimensions width mm 1000 depth mm 1500 installed by aluminum bearing profile commercially known as AL/PR-2 complete with fixing gaskets.

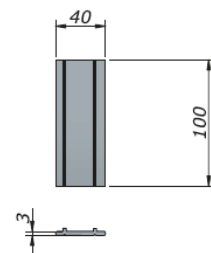
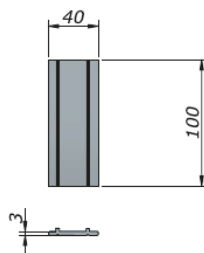
AL/R - 2



Profilo pensilina completo di carter di copertura
Canopy fixing profile with covers



Gasket



Gaskets set for glass thickness 8+8 mm

The tests carried out and described took place under conditions of Witness Testing on 2013-08-01.

Procedure for test and results

1. Test of mechanical resistance to static loads

- *Test description.* The test consisted in the evaluation of the performance behavior of a portion of a canopy with glass sheet under static load uniformly distributed over the entire surface of the glass equal to 1000 x 1200 mm.
- The sample has been tested with a limit load cycle of 2 kN / m² (equivalent to 240 kg), without any breakage or visible damage at the end of the test. Subsequently was verified the deformations after 2 minutes of unloading phase without any noticing.
- The sample has been tested with last limit load cycle equal to the service limit load multiplied by a safety factor of 1.5 according to the standard. Therefore, a load of 3 kN / m² (kg 360) was applied without any breakage or visible damage at the end of the test. Subsequently was verified the deformations after 2 minutes of unloading phase without any noticing.

Results of the test Maximum load resistance 2 kN/m² The test result passed

2. Test of mechanical resistance to static loads

- *Test description.* The test consisted in the evaluation of the performance behaviour of a portion of a canopy with glass sheet under static load uniformly distributed over the entire surface of the glass equal to 1000 x 1500 mm.
- The sample has been tested with a limit load cycle of 1.5 kN / m² (equivalent to 225 kg), without any breakage or visible damage at the end of the test. Subsequently was verified the deformations after 2 minutes of unloading phase without any noticing.
- The sample has been tested with last limit load cycle equal to the service limit load multiplied by a safety factor of 1.5 according to the standard. Therefore, a load of 2.25 kN / m (kg 337.5) was applied without any breakage or visible damage at the end of the test. Subsequently was verified the deformations after 2 minutes of unloading phase without any noticing.

Results of the test Maximum load resistance 1,5 kN/m² The test result passed

The test is considered passed cause any permanent deformations have occurred and all technical requirement requested by procedure was satisfy.