

## BDA Wind Uplift Tester

The BDA Wind Uplift Tester is working according to the European standard EN 16002:2010 – Flexible sheets for waterproofing – Determination of the resistance to wind load of mechanically fastened flexible sheets for roof waterproofing.

This standard has been drawn up based upon the European directive ETAG 06:2000/Amended:2012 – Guideline for the European Technical Approval of systems of mechanically fastened flexible roof waterproofing membranes.

Therefore the BDA Wind Uplift Tester is also in accordance with the European directives M.O.A.T. No. 64:2001 – UEAtc Technical Guide for the assessment of roof waterproofing systems made of Reinforced APP or SBS Polymers Modified Bitumen Sheets, M.O.A.T. No. 65, 66 and 67:2001 – UEAtc Technical Guide for the assessment of non-reinforced, reinforced and/or backed roof waterproofing systems made of PVC, EPDM and FPO respectively.

Also testing according to ETAG 005:2000/Revision:2004 – Guideline for European Technical Approval of Liquid Applied Roof Waterproofing Kits, part 1 – General stipulations (TR005) and according to ETAG 004:2000 – Guideline for European technical approval of external thermal insulation composite systems with rendering – can be performed using the BDA Wind Uplift Tester.

In order to perform the test according to ETAG 004 the test specimen shall be loaded in vertical position. The suction power and suction time are manually regulated. The suction power is adjustable from 0 kPa until 10 kPa. The suction time is adjustable from 0 s until 10 s. The dimensions of the test specimens that can be tested with the BDA Wind Uplift Tester are to be determined by the requirements of the principal, and vary in general between 2,40 m x 2,40 m and 5,00 m x 2,80 m.

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