



Vacuum tester

Application

- For testing sheeting and cladding fasteners for weather resistance and air leakage

Key Features

- Lightweight, simple to use, portable vacuum tester
- Can apply a vacuum of up to 100kPa to the fastener's seal
- Supplied with 2 bellows to fit bonded washers up to 19mm and 29mm respectively

Datasheet

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08 SPECIALIST TOOLS
Vacuum tester

Vacuum tester

Code	Includes
VT-100 KIT	VT-BODY main pump body
	VT-HOSE vacuum hose
	VT-19-BELLOWS - bellows to fit up to 19mm washers
	VT-29-BELLOWS - bellows to fit up to 29mm washers



VT-100

Instructions for use

Test Method

1. Ensure the HAND PUMP selector switch is on VACUUM.
2. The area around the washer head must be wiped free from dust or dirt. This will ensure the sealing nozzle will fit flush to the sheet surface and prevents foreign bodies being sucked into the test equipment. Applying moisture to the sheet/nozzle will help in achieving a seal.
3. Hold the applicator tool and position the sealing nozzle over the selected fastener head. Push firmly to achieve a seal and pump the handle.
4. After 2 or 3 full pumps the gauge should register and hold a reading more than -50kPa. If the vacuum falls to zero within 5 seconds it should be regarded as a failure. Note a gradual decline to zero in excess of 5 seconds would not indicate water ingress.
5. In the event of rapid failure, that is no vacuum reading can be registered the test should be repeated. If a second failure occurs the fastener should be investigated, tightened or replaced as necessary and the test repeated.

Note: It is important to note that this test equipment is creating and recording a vacuum. The vacuum test is a very stringent method of establishing the presence of air leaks and when applied to water, with its increased density and viscosity, a small air leak would not indicate a potential water leakage.

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