



AAMA WATER LEAKAGE TESTING KIT

The AAMA Water Leakage Testing Kit is used for field checking of Metal Curtain Walls for water leakage in line with Test Specification Procedure AAMA 501.2-83.

The 'Kit' consists of the following items:

1. B25 # 6.030 Brass Nozzle with ½" FPT manufactured by Monarch Nozzle Co.
2. 0-60 PSI Glycerine Filled Pressure Gauge
3. ¾" Garden Hose Connector
4. Globe Type Manual Valve
5. The Kit is supplied in '1 piece' and each one is individually tested.



Brief Test Procedure (AAMA 501.2-83)

1. An area will be specified for test, 2 bays in width and 2 stories in height. The Test Area should include all types of horizontal and vertical expansion joints or other conditions on a wall where leakage may occur. Any leakage will be checked from the 'indoor' side.
2. Working from the exterior, the wall test section shall be selectively wetted progressing from the lowest horizontal joint upwards ensuring vertical joints are wetted also.
3. With the water directed at the joint at a Pressure of 30-35psi (approx 2-2.4 bar) the nozzle should be moved slowly back and forth at a distance of 0.3m from it for a period of 5 minutes for 1.5m of joint. While this is taking place an observer needs to check for leaks on the inside using a flashlight if necessary.
4. If no leakage occurs then the next 1.5m is wetted for 5 minutes and so on until the entire test area is covered.
5. If leakage does occur the area needs to be identified, "re-worked" and allowed to dry and then re-tested.

Note: When carrying out the test increase water pressure slowly to prevent damaging the Pressure Gauge