



Vialit Plate Adhesion Tester

CRT-VPAT

Easy to use, robust test apparatus to obtain consistent and repeatable results day after day. Complies with industry standards

The Cooper Vialit Plate Adhesion Tester CRT-VPAT is used to evaluate binder aggregate adhesivity by vialit plate shock test method. This method is an indicator of aggregate retention for chippings. The adhesion between binder and chippings form the basis of successful surface dressing. Asphalt emulsion or hot binder is applied to stainless steel plates and aggregates are embedded in the binder using hand operational rubber wheel roller, which is fitted with bearings to ensure consistent, smooth rolling action. The prepared test plate is turned over and placed on 3 pointed support rods. Stainless steel ball is made to fall from an 'angled slide' three times within 10 seconds period onto the inverted test plates. The results are recorded as percent aggregate retention.

Standards

- EN 12272-3
- NF P98-274-1

Key Features

- Robust and high quality hardware
- Fitted with inbuilt spirit level to allow easy alignment of base plate
- Supplied with high quality stainless steel test plates
- Stainless steel ball made according to European standard
- Fitted with 'angled slide' with inclination of $(3.0 \pm 0.5)^\circ$ for consistent ball launch
- Easy to use, hand operational rubber roller fitted with bearings to ensure consistent, smooth rolling action
- Can be supplied with traceable calibration certificate
- Made in the United Kingdom

Key Uses

- Determination of binder aggregate adhesivity
- To design binder aggregate systems for surface dressing

Accessories

Accessories are not included in the price of main device (unless stated otherwise) and may be purchased separately if required.

CRT-VPAT-RWR Rubber Wheel Roller

Specifications

Technical specifications are subject to change without notice.

Steel Ball	-
Weight (approx.) Kg	0.05
Diameter mm	50
Rubber Wheel Roller	-
Weight Kg	25
Rubber thickness mm	15
'Angled slide' inclination (3.0 ± 0.5)°	
Weight (approx.) Kg	40

Calibration & Maintenance

Calibration, Annual Service and Maintenance Contracts are available for this device.
Please enquire for further details. Note: This device should be checked and calibrated annually.

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