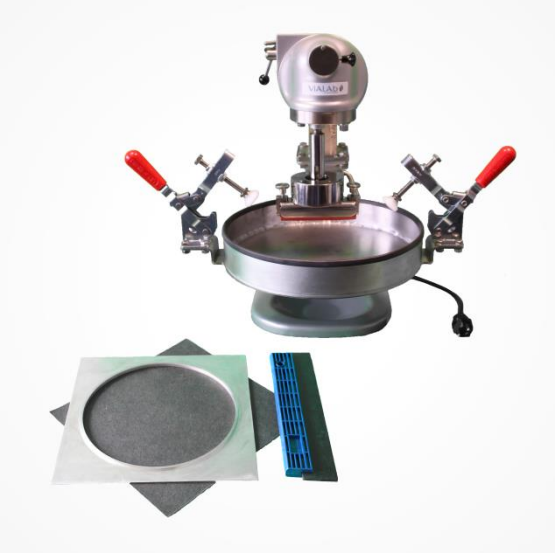
DETERMINATION OF WEAR OF COLD MATERIALS



PRINCIPLE

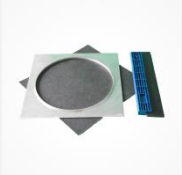
The test method makes it possible to determine the minimum binder content of the mixtures during formulation from the abrasion behavior in the presence of water. The abrasion is produced by a rubber cylinder which describes a planetary rotation movement. Different mixtures, varying in their binder content, are subjected to the test, after which the loss of mass by abrasion is measured.

The abrasion lasts 5 minutes on the surface of the sample previously prepared, cured in an oven and moistened by immersion. The test determines the minimum amount of emulsion to resist traffic abrasion.

STANDARD

EN 12274-5 / ASTM D3910 / ISSA TB100

PRODUCTS

Label	Description	Reference
Abrasion machine – Wet Track Abrasion Tester		F044.154.0010
	*Complete kit for determining the wear of cold materials* **Set including** → Hobart N-50 mixer modified and raised → A stainless steel mounting base → A stainless steel abrasion head with chuck, counterweight and double knurled screw → 3 speeds available with the mechanical gearbox → Power supply 220/230 V, 50/60 Hz **Test accessory set** → Aluminum test vessel Ø330 mm and depth 51 mm → 2 or 3 legs with flange fast clamping according to test standard → Squeegee →10 MPT II Series abrasive tubes 7094 →1 Square mold 300X300 mm made in stainless steel with a hole Ø248 mm depth 6.3 mm → 20 Sheets of bituminous felt 300x300 mm pre-cut (700 ± 70 g / m²)	
	→ Aluminum test vessel Ø330 mm and depth 51 mm	F044.154.0012
	→ Set of 25 pieces of MPT Series 7094 abrasive tubes	F044.154.0011
	→ 20 sheets of bituminous felt 300x300 mm pre-cut (700 ±70 g/m²)	F044.154.0014
	→ Stainless steel mold 300x300 mm, hole Ø248 mm, depth 6.3 mm	F044.154.0013

Complementary products and accessories on www.vialab.fr

ViALAb
The way of emulsion

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