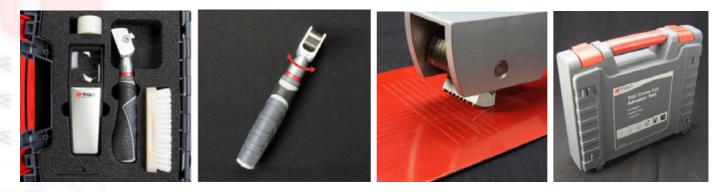


TQC Cross Cut Adhesion Test - CC1000 VF1839, VF1842, VF1844, VF1846, VF1847

Datasheet

Product description

The TQC Cross Cut Adhesion Test KIT (CC1000) is used to test the adhesion of dry coats of paint on their substrate by means of a series of cuts through the coating. Two series of parallel cuts cross angled to each other to obtain a pattern of 25 or 100 similar squares. The ruled area is evaluated by using a table chart after a short treatment with a stiff brush, or adhesive tape for hard substrates.



Standards

Features

ISO/DIN 2409, ASTM D3359

Application area's Coating/Paint Industry, Galvanise, Automotive, Laboratory, Painters, Shipping Industry, Steel Protection, Wood

- Self-adjusting knife-holder ensures equal pressure on the cutting knife
- Round cutting knife with eight cutting edges for longer lifetime
- Ergonomically shaped handle
- Easy to change round cutting knife
- Wide range of knife sizes available for different coating thicknesses and substrates and according to different standards.

Standard deliv

very	Cross Cut Adhesion Tester acc. to DIN-ISO, 6 teeth
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- VF1839 TQC Cross-cut adhesion test kit CC1000, incl. blade 1mm
- VF1842 TQC Cross-cut adhesion test kit CC1000, incl. blade 2mm
- VF1844 TQC Cross-cut adhesion test kit CC1000, incl. blade 3mm

Cross Cut Adhesion Tester acc. To ASTM, 11 teeth

- VF1846 TQC Cross-cut adhesion test kit CC1000, incl. blade 1mm
- VF1847 TQC Cross-cut adhesion test kit CC1000, incl. blade 1,5mm

The test kit contains a soft grip handle, a hardened steel cutter (type may vary, see above), a nylon brush, an illuminated magnifier, adhesive tape (adhesion to steel 4.3N/cm) and one 4 mm. Allen key

Optional items	SP3007 SP3010 SP3020	Adhesion tape, single roll, adhesion to steel 4.3 N/cm Adhesion tape, set of 3 rolls, adhesion to steel 4.3 N/cm Adhesion tape, single roll, adhesion to steel 7.6 N/cm
	SP1710	Nylon Brush for Cross Cut Adhesion Test

SP9700 Lighted Magnifier 2.5x

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CrossCut-Adhesion-Test-CC1000-d44.doc - Page 2 of 3

Optional Items (2)

Spare TQC knife acc. To DIN-ISOVF2355Teeth distance 1 mmVF2357Teeth distance 2 mmVF2358Teeth distance 3 mm

Spare TQC knife acc. to ASTM

VF2359	Teeth distance: 1 mm
VF1861	Teeth distance: 1,5 mm

Additional

Comparison Chart					
Classi- fication	Description	Appearance of surface of cross-cut area from which flaking has occured (Example for six parallel cuts)			
0	The edges of the cuts are completely smooth; none of the squares of the lattice is detached.				
1	Detachment of small flakes of the coating at the intersections of the cuts. A cross-cut area not significantly greater than 5% is affected.				
2	The coating has flaked along the edges and/or at the intersections of the cuts. A cross-cut area significantly greater than 5%, but not significantly greater then 15%, Is affected.				
3	The coating has flaked along the edges of the cuts partly or wholly in large ribbons, and/or it has flaked partly or wholly on different parts of the squares. A cross-cut area significantly greater than 15%, but not significantly greater than 35%, is affected.				
4	The coating has flaked along the edges of the cuts in large ribbons and/or same squares have detached partly or wholly. A cross-cut area significantly greater than 35%, but not significantly greater than 65%, is affected.				
5	Any degree of flaking that cannot even be classified by classification 4.				

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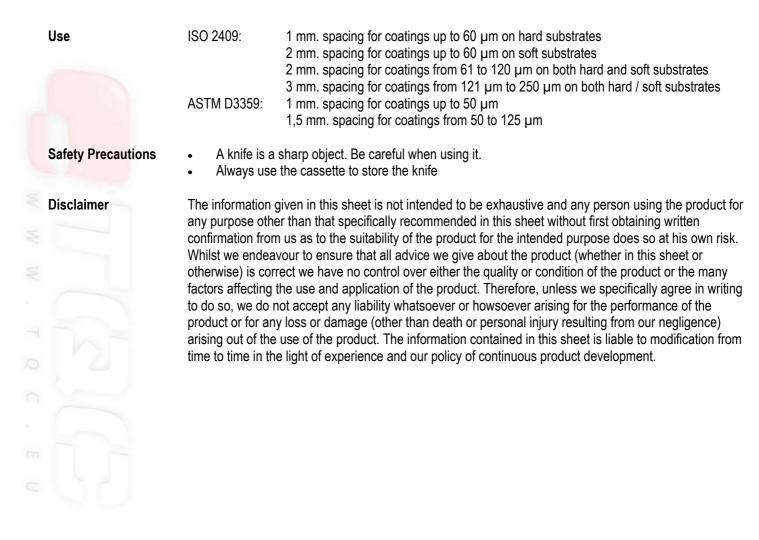
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CrossCut-Adhesion-Test-CC1000-d44.doc - Page 3 of 3
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