


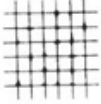
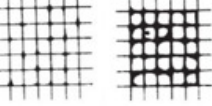
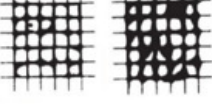
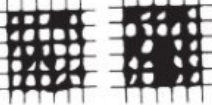

# Elcometer 1540 Cross Cut Adhesion Tester



The Elcometer 1540 Adhesion Tester is a simple instrument for quickly determining the coating adhesion of a large variety of paints up to 50µm thickness.

Made from steel, this cross hatch gauge has 11 tapered teeth with 1mm spacing. Two sets of lines are cut at right angles to obtain a pattern of 100 squares.

## Classification of Cross Hatch Test Results

Surface	Typical description of result
	The edges of the cuts are completely smooth, none of the squares of the lattice is detached.
	Detachment of small flakes of the coating at the intersections of the cuts.
	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 than 15%, is affected.
	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.
	The coating has flaked along the edges of the cuts in large ribbons and/or some squares have detached partly or wholly. A cross cut area significantly greater than 35%, but not significantly greater than 65%, is affected.
	Any degree of flaking that cannot be classified even by classification 4 (1B).

Images and descriptions based on information published in ISO2409 and ASTM D 3559-B

## Technical Specification

Part Number	Description	Certificate
K0001540M001	Elcometer 1540 Cross Cut Adhesion Tester (11 x 1mm)	o

o Optional Calibration Certificate available

## Packing List

Elcometer 1540 Cross Hatch Cutter
Plastic Storage case
Operating Instructions

