

Polyvine varnish testing

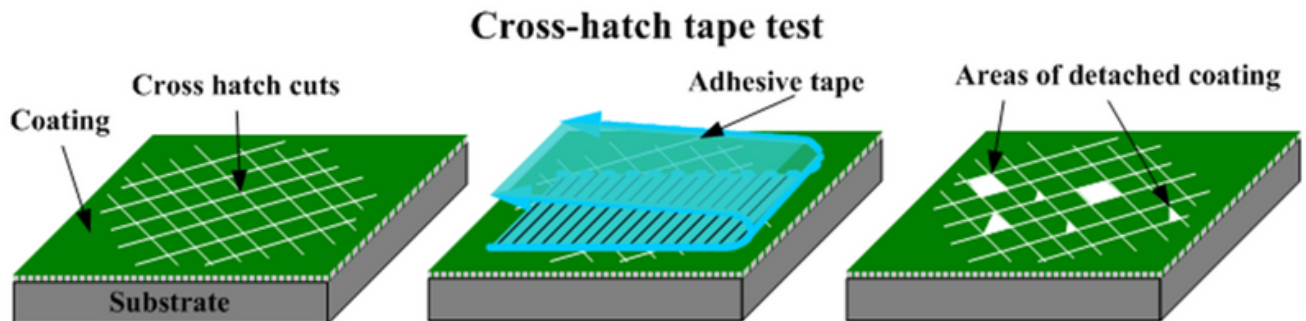
Polyvine varnish adhesion test

X-cut tape test



This test is often used at job sites and involves cutting an X into the coating with a sharp knife or other cutting device. A straightedge is used to ensure the cuts are straight. Then, pressure-sensitive tape is placed in the centre of the X and quickly removed. The area is then inspected to see if any coating has been removed from the substrate. These pictures illustrate a failure.

Polyvine laboratories tests



First, score the coating with the razor blade in a crosshatch pattern with about one-sixteenth inch between cuts. Then press the masking tape over the cuts rub with an eraser to ensure bonding and pull it up quickly.

This can be achieved can be achieved with just a razor blade and masking tape.

You judge the bond by the degree to which the little squares stay intact. In the case shown, the bond is not good. Too much of the finish transfers to the tape.

This picture illustrates a failure.

by Peter Wells, Polyvine Technical Director.