

PURGE TEST FOR PURGING SOLVENT

Application

The purpose of this test method is to evaluate and qualify purge solvents used in purging liquid organic coatings from paint application equipment.

Apparatus and Materials Required

- Liquid Paint
- Timer or other device for measuring time in seconds
- Pipette, 3mL pipettes (Fisher Scientific)
- Draw down bar. #20 bar from Paul N. Gardner Company (provides wet film of 2.0 mils)
- 30 cm x 15 cm x 2 mm thick glass panel. Clean and dry.
- Stand or object to hold the glass panel at a 45 degree angle.



Timer

pipette, eye dropper

Draw down bar

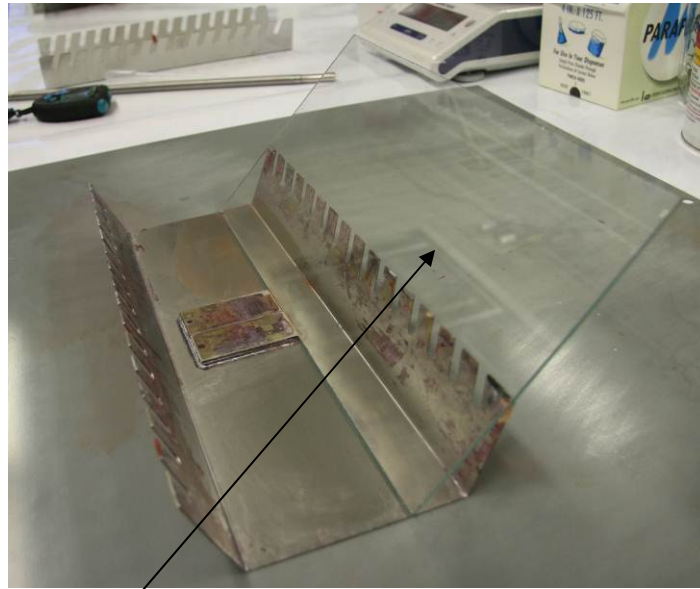
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Documents

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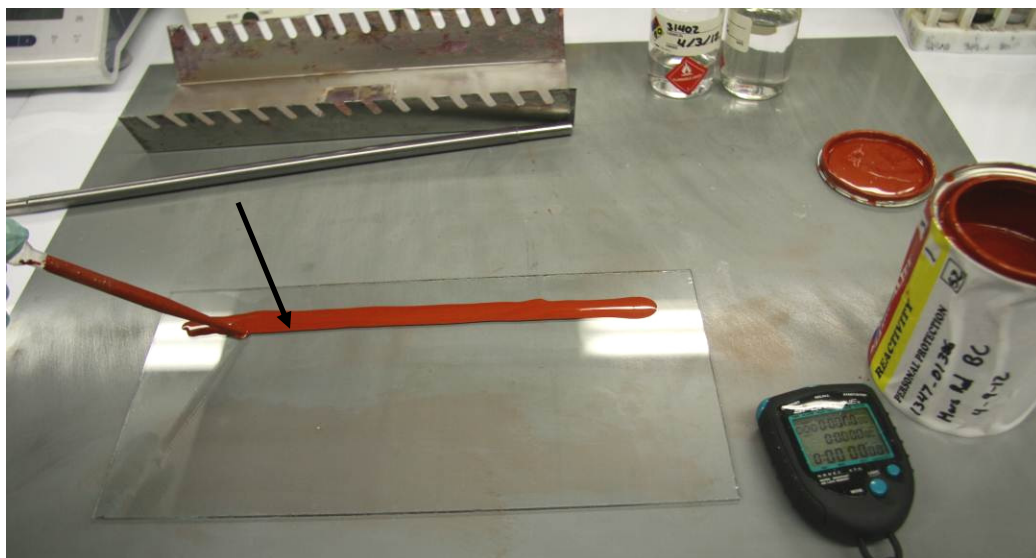


30 cm x 15 cm x 2 mm glass panel held at a 45° angle

Conditioning and Test Conditions

All testing should be performed in a controlled, laboratory environment (23 +/- 2 °C and 50 +/-5% RH). The ambient temperature and relative humidity should be recorded during the testing.

Method



1. Fill the pipette with well-mixed paint and then dispense a thick line or bead of paint across the top portion of the horizontal glass panel leaving some room at the top of the panel.