

DUX PAINT

18 MILL STREET
LODI, NJ 07644

PHONE # (973) 473-2376

FAX # (973) 473-1648

TECHNICAL SPECIFICATIONS

COMPOSITION:

The compound is manufactured utilizing high grade asphalts and modifiers dissolved in n-propyl bromide solvent. Its appearance uncured and cured is black The uncured viscosity is low and the compound is cured by fast solvent evaporation.

PROPERTIES:

Non-Volatiles %:	20-25%
VOC Content Lb./Gal.:	6.50 – 7.60
Viscosity: Cps @ 25° C:	25 +/- 3.
Free Sulfur:	Trace
Total Sulfur:	< .07
Adhesion %:	100 % with no flaking or chipping.
Knife strip test::	Continous strips.
Flexibility:	No cracking or flaking
Corrosion:	None to slight etching of brass.
Dry to touch:	< 2 minutes max.
Tack free:	< 5 minutes max.
Dilution:	No separation or precipitation.
Flammability:	None
Appearance:	Smooth homogeneous film.

TEST METHODS:

Prepare 5 brass test strips approximately 1" x 10" Strips should be polished and be free from burrs and surface imperfections. Identify 4 strips for adhesion, knife strip, flexibility and corrosion tests. Dip the 4 strips into the waterproof compound to a depth of approximately 100 mm., withdraw and remove to a location free from drafts and ambient fumes. Air-dry the strips for 24 hours in a vertical position at 20° to 25° degrees C and a relative humidity of not more than 65 %.

The following tests are to conform to MIL-C-13783C paragraph noted plus as further specified on Drawing 13005626.

Adhesion:	Para. 4.7.3.1
Knife test:	Para. 4.7.3.2
Flexibility:	Para. 4.7.3.3
Corrosion:	Para. 4.7.3.4
Viscosity:	Para. 4.7.5
Flammability:	Para. 4.7.6
Appearance:	Para. 4.7.7
Dilution:	Para. 4.7.4 except utilize n-propyl bromide as the solvent.
Free Sulfur:	Para. 4.7.8 or as certified by the asphalt supplier & calculated.
Total Sulfur:	Para. 4.7.9 or as certified by the asphalt supplier & calculated.
Dry Times:	Para. 4.7.3.5 utilizing the 5 th brass strip.