

ILLUSTRUM™ M1172 DTM

ENVIRONMENTAL SUSTAINABILITY

100% Solids System

- No solvent and zero VOC content
- Every wet mil applied equals a dry mil
- Less paint needed to get required film build
- Can ship and inventory less paint per part
- No solvent leads to non-regulated classification for easier shipping
- Excellent at hiding blast profile as coating does not shrink during cure

Regulatory Compliance

- Ensures VOC environmental and regulatory compliance for the foreseeable future
- Supports greener and more sustainable coating solutions to meet market demands
- Potential qualification for LEED points

APPLICATION EFFICIENCY

Fast Set, One Step System

- Fast curing, one step application is ideal for OEM/refurbish projects for unmatched productivity
- Full mil thickness in a single application
- Streamlines staging and decreases work in progress requirements in comparison to conventional two coat solvented urethanes

Ambient Cure Conditions

- Achieves full cure rapidly at ambient conditions
- Eliminates the need for bake booths and the corresponding time and energy usage

Low Waste

- Components do not mix until mix block at belt
- Less than one US fluid ounce of mixed material needs to be purged at completion of spraying

PERFORMANCE

UV Resistance

(1000 hours UVB-ASTM G154 Cycle 2)

- Excellent weathering properties
- Colour and gloss retention

High Gloss

- >80 gloss units at 60°

Mandrel Bend (ASTM D522-93A)

- Conical Mandrel - Pass

Impact Resistance (ASTM D2794-93)

- Intrusion - 160 inlb
- Extrusion - 48 inlb

Chip Testing (ASTM D3170-03)

- See Test Data

Abrasion Resistance (ASTM 4060-10)

- 50mg loss 1kg load CS-17

