



Product Finishes

CC-C2

OPEX[®] Black Lacquer

Semi-Gloss Black.....M60B8
Satin BlackM60B17
Dull BlackM60B10
Flat BlackM60B16
Custom Blend.....M60XX Series

DESCRIPTION	CHARACTERISTICS				
<p>OPEX® Black Lacquers are nitrocellulose alkyd lacquers for industrial product finishing.</p> <p>Advantages:</p> <ul style="list-style-type: none">• Fast air dry• Available in glosses from 0 to 45• For interior and exterior use• No critical recoat time• Non-bleeding pigments	<p>Product</p> <p>Gloss:</p> <p>Volume Solids (% ± 2):</p> <p>Viscosity:</p> <p>seconds on a #4 Ford Cup</p> <p>* pre-reduced</p> <p>Spreading Rate:</p> <p>sq ft/gal @ 0.5 mil DFT, no loss</p> <p>Recommended film thickness:</p> <p>Mils Dry:</p> <p>interior</p> <p>exterior—primed</p> <p>exterior—unprimed</p> <p>Air Quality Data:</p> <p>Non-photochemically reactive</p> <p>Volatile Organic Compounds (VOC)*</p> <p>theoretical as packaged, maximum, less exempt solvents</p> <p>lb/gal</p> <p>g/L</p> <p>reduced (%) with R7K120:</p> <p>lb/gal</p> <p>g/L</p> <p>An Environmental Quality Data Sheet is available from your local Sherwin-Williams facility or at www.paintdocs.com.</p> <p>Drying (77°F, 45% RH):</p> <p>Tack Free:</p> <p>To Recoat:</p> <p>To Pack:</p> <p>Force Dry:</p> <p>Good air movement is more important than heat</p> <p>Flash Point:</p> <p>Package Life:</p>	<p>M60B8</p> <p>Semi-Gloss</p> <p>40-45</p> <p>20</p> <p>18-22</p> <p>328</p> <p>0.5 - 1.0</p> <p>1.0 - 1.2</p> <p>1.5 - 2.0</p> <p>(100%)</p> <p>6.1</p> <p>732</p> <p>5.5</p> <p>660</p> <p>(100%)</p> <p>6.1</p> <p>732</p> <p>5.8</p> <p>696</p> <p>(10%)</p> <p>5.92</p> <p>710</p> <p>5-10 minutes</p> <p>no critical recoat</p> <p>2-4 hours</p> <p>10-15 minutes at 180°F</p> <p>21-35°F Pensky-Martens Closed Cup</p> <p>3 years, unopened</p>	<p>M60B17</p> <p>Satin</p> <p>25-35</p> <p>16</p> <p>18-22*</p> <p>513</p> <p>0.5 - 1.0</p> <p>1.0 - 1.2</p> <p>1.5 - 2.0</p> <p>(10%)</p> <p>5.92</p> <p>710</p> <p>5.8</p> <p>696</p> <p>(10%)</p> <p>5.92</p> <p>710</p>	<p>M60B10</p> <p>Dull Sheen</p> <p>10-15</p> <p>15</p> <p>18-22</p> <p>244</p> <p>0.5 - 1.0</p> <p>1.0 - 1.2</p> <p>1.5 - 2.0</p> <p>(100%)</p> <p>6.2</p> <p>744</p> <p>5.8</p> <p>696</p> <p>(100%)</p> <p>6.2</p> <p>744</p>	<p>M60B16</p> <p>Dead Flat</p> <p>0-3</p> <p>27</p> <p>18-22</p> <p>440</p> <p>0.5 - 1.0</p> <p>1.0 - 1.2</p> <p>1.5 - 2.0</p> <p>(100%)</p> <p>5.8</p> <p>696</p> <p>(100%)</p> <p>5.8</p> <p>696</p>
	<p>*VOC compliance limits vary from state to state; please consult local Air Quality rules and regulations</p> <p>An Environmental Data Sheet is available from your local Sherwin-Williams facility or at www.paintdocs.com.</p>				

SPECIFICATIONS

General: Substrate should be free of grease, oil, dirt, fingerprints, drawing compounds, any contamination, and surface passivation treatments to ensure optimum adhesion and coating performance properties. Consult Metal Preparation Brochure CC-T1 for additional details.

Aluminum: Prime with Industrial Wash Primer P60G2, or RoHS Compliant Wash Primer, P60G10.

Galvanized Steel: Prime with Industrial Wash Primer P60G2, or RoHS Compliant Wash Primer, P60G10.

Steel or Iron: Remove rust, mill scale, and oxidation products. For best results, treat the surface with a proprietary surface chemical treatment of zinc or iron phosphate to improve corrosion protection. Prime with OPEX® P61 primers.

Wood (interior only): Must be clean, dry, and finish sanded. Prime with OPEX® P61B1 or Sher-Wood® P65W1 Primer

Testing: The information, data, and recommendations set forth in this Product Data Sheet are based upon test results believed to be reliable. However, due to the wide variety of substrates, substrate properties, surface preparation methods, equipment and tools, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.

Performance Tests

Hardness:

With one hour drying, this will withstand one psi with no marring or film transfer.

ADDITIONAL INFORMATION

- After force drying, cool articles to prevent sticking.
- High humidity may cause blushing with lacquers and increase drying time.
- Not intended for use on exterior wood products.

APPLICATION

Typical Setups

With high humidity, it may be necessary to use OPEX® Retarder Thinner R7K27 to reduce or eliminate blushing.

Satin, M60B17 is pre-reduced and ready to apply without reduction, M60B8, M60B10, and M60B16 need to be reduced as listed below.

Conventional Spray:

Air Pressure 45-60 psi
Fluid Pressure 8-12 psi
Reducer R7K120 or R7K22
Reduction Rate 100%

Warm Spray:

Reducer R7K22
Reduction Rate 50-75%

Dip:

Reducer R7K27 or R7K22
Reduction Rate 50-75%
Excessive agitation or turbulence on part immersion or withdrawal may cause foaming.

Tank maintenance (agitation, turnover rate, viscosity control, and stability) is required

Cleanup:

Clean tools/equipment immediately after use with Lacquer Thinner R7K120. Follow manufacturer's safety recommendations when using any solvent.

CAUTIONS

FOR INDUSTRIAL SHOP APPLICATION ONLY

Thoroughly review product label and Safety Data Sheet (SDS) for safety information and cautions prior to using this product.

To obtain the most current version of the Environmental Data Sheet (EDS), Product Data Sheet (PDS), or Safety Data Sheet (SDS) please visit your local Sherwin-Williams facility or www.paintdocs.com.

Please direct any questions or comments to your local Sherwin-Williams facility.

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