PRODUCT DATA SHEET

KoraGloss® - 180
Low VOC Interior Alkyd Finish

SPECIFICATION DATA
• Solids Content By Volume: KoraGloss-180 59% ± 2%
• Theoretical Coverage Rate per Gallon: *
  | Product             | 23.6 m²/L at 25 microns | 11.8 m²/L at 50 microns |
  | KoraGloss-180       |                        |                      |
• Mixing and application losses will vary and must be taken into consideration when estimating job requirements.
• Volatile Organic Content (VOC) as supplied *:
  | Product             | 2.65 lbs./gal. (318 g/L) |
  | KoraGloss-180       |                        |
• Topcoat Required: May be topcoated with SanyChem Alkyds, Silicone-Alkyds, or other as recommended. Please consult the appropriate system guide, the particular job specification or your SanyChem Coatings’ Industrial Coatings Specialist for proper systems using this product. Systems must be selected considering the particular environment involved.
• TYPICAL CHEMICAL RESISTANCE

<table>
<thead>
<tr>
<th>Exposure</th>
<th>Splash &amp; Spillage</th>
<th>Fumes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acids</td>
<td>Poor</td>
<td>Fair-Poor</td>
</tr>
<tr>
<td>Alkalies</td>
<td>NR</td>
<td>Poor</td>
</tr>
<tr>
<td>Solvents</td>
<td>Poor</td>
<td>Fair-Poor</td>
</tr>
<tr>
<td>Salt</td>
<td>Very Good</td>
<td>Very Good</td>
</tr>
<tr>
<td>Water</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
</tbody>
</table>

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January 2001 replaces April 1998

GENERIC TYPE:
Single coat, rust inhibitive interior alkyd finish

DESCRIPTION: KoraGloss-180 is a rust inhibitive, self priming finish coat that will bond to and protect a variety of substrates. Normally a single coat will provide a uniform color. KoraGloss-180 is a premium quality alkyd flat coating for use on machinery, equipment, piping and tanks. Toughness and fast dry provide maintenance with minimum plant interruption. Free of mercury, lead and chrome hazards.

FEATURES:
• Low VOC
• Lead and Chromate-free
• Durable flat finish
• Protects against atmospheric corrosion
• Excellent flow and leveling
• High hiding
• Good abrasion resistance
• Easy application - brush, roll or spray
• Excellent resistance to grease, oil and water

RECOMMENDED USES:

KoraGloss-180 coating is ideal for interior structural steel, piping, tankage, equipment, metal doors and other steel work in non-chemical or non immersion service. Ideal for safety equipment and pipe identification. Provides excellent protection to metal surfaces as well as masonry, wood and wallboard. KoraGloss-180 is an excellent choice as a single uniform color coat for interior overhead structures including primed structural steel piping and steel supports, aluminum and galvanized duct work, concrete, and wood. May be used as a self priming finish for structural steel.

NOT RECOMMENDED FOR:
Immersion service, or splash and spillage of acids, alkalies, or solvents.

COMPATIBLE COATINGS:
Topcoat not required with KoraGloss-180 but may be topcoated with alkyd, Latex and other finishes as recommended by SanyChem Technical Service.

ORDER INFORMATION:
Prices may be obtained from SanyChem Sales Representative or main Office.

APPROXIMATE SHIPPING WEIGHT:

Freight Classification: Paint, Combustible Liquid UN1263, PG III

| Packaging                  | 1 gallon (3.785L) | 5 gallons (18.925L) |
| KoraGloss-180             | 14 lbs. (6.2 kg.) | 66 lbs. (30.7 kg.) |
| SolvenSany # 276 Thinner   | 9 lbs. (4.1 kg.)  | 45 lbs. (20.4 kg.)  |

Shipping Weight: 4 gallon case - 56 lbs. (24.8 kg)
5 gallon pail - 66 lbs. (20.4 kg)

FLASH POINT (Pensky/Martens Closed Cup):

| KoraGloss-180 | 84 °F (29 °C) |
| SolvenSany # 276 Thinner | 105 °F (41°C) |

Hazardous: Flammable when diluted with organic solvents.

Flash Point: 84 °F (29 °C) for KoraGloss-180
105 °F (41 °C) for SolvenSany # 276 Thinner

Refrigerated and store in cool dry area.

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APPLICATION INSTRUCTIONS

These instructions are not intended to show product recommendations for specific service. They are issued as an aid in determining correct surface preparation, mixing instructions, and application procedure. It is assumed that the proper product recommendations have been made. These instructions should be followed closely to obtain the maximum service from the materials.

Substrates & Surface Preparation

General:
All surfaces must be clean and dry prior to coating. Remove any oil or grease with clean rags soaked in SolvenSany #252 Thinner in accordance with SSPC-SP-1-82 or power wash with SanyChem MetalCleaner #100 diluted in water and rinse.

NON IMMERSION SERVICE:
New Surfaces: Steel - Best results are obtained over a surface sandblasted to a Commercial Blast (SSPC-SP6-85). Performance over hand or power-tool cleaned surfaces is dependent on the degree of cleaning. Prime with this product.

Previously Painted Surfaces: Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Dull glossy areas by light sanding. Remove sanding dust. Remove loose paint. Scrub heavy chalk areas and overhead areas such as eaves with soap and water. Remove all mildew by washing with a solution of 16 oz. (473 mL) household bleach and two oz. (59 mL) non-ammoniated liquid detergent per gallon (3.785 L) of water. Rinse surfaces clean with water and allow to dry for 24 hours. All areas failed by rusting, peeling, blistering, etc., shall be wire brushed and scraped to remove all loose or loosely adhering material. Prime bare areas with primer specified under.

New Surfaces. For optimum performance in more corrosive areas, entire surface should be abrasive blast cleaned and primed with this product.

Concrete: Concrete must be cured at 28 days at 70 °F (21 °C) and 50% R.H. or equivalent.

Previously painted glossy finish should be sanded to degloss and roughen overcoating.

Mixing: Power Mix to a uniform consistency before thinning.

Thinning: Spray: Thinning normally not required, but may be thinned up to 8% by volume with SolvenSany #276.

Brush or Roller: May be thinned up to 8% by volume with SolvenSany #276.

Application Equipment

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to this guidelines to achieve the desired results. The following equipment has been found suitable and is available from manufacturers such as Binks, DeVilbiss and Graco.

Application Equipment

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results. General guidelines:

Spray Application

(General) The following spray equipment has been found suitable and is available from manufacturers such as Binks, DeVilbiss and Graco.

Conventional Spray

Use 3/8” minimum I.D. material hose. Hold gun approximately 18-20 inches from the surfaces and at a right angle to the surface.

Mfr. & Gun DeVilbiss P-MBC or JGA FF 734
Binks #18 or #62 I.D. 63C 63 BB
Approx. .052”

Airless Spray

Use 3/8” minimum I.D. material hose. Hold gun approximately 18-20 inches from the surfaces and at a right angle to the surface.

Mfr. & Gun DeVilbiss JGB-507 OFA-514 or OFA-519
Binks Model 700 Mercury 5C or BB-36-37-1
Graco 205-591 President 30:1 OR BullDog 30:1

Use a .013” - .017” tip with 2000 psi.

Teflon packings are recommended and available from the pump manufacturer.

Contact

For information and Prices, Please Call a SANYCHEM Local Sales Representative.


SanyChem, Inc
600 N Pine Island Road # 450 Plantation, FL 33324-1311
Phone +1-954-315-0252 / +1 - 800-432-0607 / Fax: +1-954-315-0280

APPLICATION CONDITIONS

<table>
<thead>
<tr>
<th>Material</th>
<th>Surfaces</th>
<th>Ambient</th>
<th>Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal</td>
<td>10 – 32 °C</td>
<td>13 – 32 °C</td>
<td>30 – 95 %</td>
</tr>
<tr>
<td>Minimum</td>
<td>2 °C</td>
<td>2 °C</td>
<td>0 %</td>
</tr>
<tr>
<td>Maximum</td>
<td>49 °C</td>
<td>74 °C</td>
<td>49 °C</td>
</tr>
</tbody>
</table>

Do not apply when the surface temperature is less than 5 °C or 2 °C above the dew point.

Drying Times

<table>
<thead>
<tr>
<th>Surface Temp. &amp; 90% RH</th>
<th>Dry to Recoat</th>
<th>Final Cure</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 °F (4 °C)</td>
<td>48 hrs</td>
<td>5 Days</td>
</tr>
<tr>
<td>50 °F (10 °C)</td>
<td>36 hrs</td>
<td>4 Days</td>
</tr>
<tr>
<td>60 °F (16 °C)</td>
<td>24 hrs</td>
<td>3/4 Days</td>
</tr>
<tr>
<td>75 °F (24 °C)</td>
<td>12 hrs</td>
<td>3 Days</td>
</tr>
<tr>
<td>90 °F (32 °C)</td>
<td>8 hrs</td>
<td>2½ Days</td>
</tr>
</tbody>
</table>

These times are based on recommended dry film thickness. Excessive film thickness or inadequate ventilating conditions after application require longer dry times and will cause premature failure in extreme cases.

Brush & Roller

Use medium bristle brush or short nap mohair roller cover. Avoid rebrushing or rerolling.

Cleanup & Safety

Clean up

Use SolvenSany #252 in case of spillage, absorb and dispose of in accordance with local applicable regulations.

Safety

Read and follow all caution statements on this product data sheet and on the MSDS for this product. Employ normal workmanlike safety precautions. Hypersensitive persons should wear protective clothing, gloves and use protective cream on face, hands and all exposed areas.

Ventilation

When used as a tank lining or in enclosed areas, thorough air circulation must be used during and after application until the coating is cured. The ventilation system should be capable of preventing the solvent vapor concentration from reaching the lower explosion limit for the solvents used. In addition to ensuring proper ventilation, appropriate respirators must be used by all application personnel.

This product contains flammable solvents. Keep away from sparks and open flames. All electrical equipment and installations should be made and grounded in accordance with the National Electric Code. In areas where explosion hazards exist, workmen should be required to use non-ferrous tools and wear conductive and non-sparking shoes.

FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM CHILDREN. 1/2001

Contact

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