PRODUCT DATA SHEET

KoraTex - 700
Waterborne Acrylic
Acrylic Maintenance Finish

GENERIC TYPE:
Waterborne Acrylic

DESCRIPTION: KoraTex – 700
A 100% acrylic, industrial grade finish coat developed for use over properly primed steel, masonry and wood surfaces. It is non-yellowing and has excellent durability, flexibility and color retention in mild to moderate industrial environments. KoraTex – 700 is a durable, high performance acrylic topcoat for use where excellent weathering properties and chemicals resistance are required.

FEATURES:
• Excellent Corrosion protection
• Universal Topcoat with low odor
• Easily applied by brush, roller or spray
• Dries fast, recoat in 1 hour
• Excellent durability and weatherability
• VOC compliant to current AIM regulations

RECOMMENDED USES:
Formulated for use as a finish coat on properly primed or previously painted interior and exterior structural steel, steel storage tanks, galvanized metal, wood, aluminum, and masonry surfaces. As topcoat for a variety of primer where a VOC compliant topcoat is required such railcars, tank exteriors and structural steel.

NOT RECOMMENDED FOR:
Do not use in immersion service

SUBSTRATES:
Apply over properly prepared gypsum board, plaster, wood, masonry, ceramic, tile, metal, PVC, galvanized metal or other surfaces as recommended.

SPECIFICATION DATA
• Solids Content By Volume: 36% ± 2%
• VOC Values As supplied: 1.15 lbs/gal (139 g/l)
  These are nominal values
• Theoretical Coverage Rate per Gallon: *
  579 mil ft². (14.1 m²/l at 25 microns)
  * Mixing and application losses will vary and must be taken into consideration when estimating job requirements.
• Temperature Resistance (Non-Immersion)
  Continuous: 200 °F (93 °C)
  Non-Continuous: 250 °F (121 °C)
  Discoloration and loss of gloss is observed above 250°F (121°C)
• Dry Film Thickness per Coat
  2 - 3 mils (50 - 75 microns)
  * Certain colors may require multiple coats for adequate hiding. Dry film thickness in excess of 3 mils (75 microns) per coat is not recommended.
• Color Standard in: Available in a variety of colors
• Gloss: SeniGloss
• Shelf Life: Twelve months when stored at 75 °F (25 °C)

Storage Conditions: Store indoors.
  Temp.: 40 - 110 °F (4 -43 °C)
  Humidity: 0 - 95%

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>Very Good</td>
<td>Excellent</td>
</tr>
<tr>
<td>Alkalies</td>
<td>Very Good</td>
<td>Excellent</td>
</tr>
<tr>
<td>Solvents</td>
<td>Fair</td>
<td>Good</td>
</tr>
<tr>
<td>Salt</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
<tr>
<td>Water</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
</tbody>
</table>

January 2001 replaces May 1999

To the best of our knowledge the technical data contained herein is true and accurate on the date of publication and is subject to change without prior notice. User must contact SanyChem Company to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to SanyChem quality control. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of products. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SANYCHEM, EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SanyChem and KoraTex are registered trademarks of SanyChem Company.
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

Apply over clean, dry recommended primer. Remove all dirt, oil, grease and contaminants in accordance with SSPC-SP1 with clean rags soaked in SolvenSany # 252 or MetalCleaner # 100.

Mixing: Power mix until uniform in consistency. Avoid excessive air entrainment.

Thinning: Thinning not normally required. KoraTex - 700 is designed to be used as supplied. If thinning is necessary, use only clean potable water and no more than 6 oz/gal. Areas with cool substrate and warm ambient condition can experience a surface skinning and separation. Under these conditions, the use of 6-12 oz/gal of SolvenSany # 308.

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

Spray: Pre-rinse equipment with undiluted MetalCleaner # 100 followed by clean potable water before spraying.

Conventional Spray: Pressure pot equipped with dual regulators, 1/2” I.D. Minimum material hose, 0.086” I.D. Fluid tip and appropriate air cap.

Airless Spray: Flush airless lines with water. Equipment must be clean prior to start. Apply the product in even coats and maintain a wet edge. Use multiple passes to achieve film build. Allow the product to dry between coats. Pump Ratio: 30:1 (min)

<table>
<thead>
<tr>
<th>Tip Orifice</th>
<th>Atomizing Pressure</th>
<th>Mat’l Hose ID</th>
<th>Manifold Filter</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.017” to 0.019”</td>
<td>1800 - 2200 PSI</td>
<td>1/2” - 3/8”</td>
<td>60 mesh</td>
</tr>
</tbody>
</table>

Brush or Roller: A good quality synthetic brush will make application easier. Select a roller cover suited for the texture of the surface to be coated. Apply product in full even coats. Maintain a wet edge. To insure adequate film build, two coats are recommended when applying by brush or roller (see the drying times chart for recoat period).

The KoraTex-700 Acrylic film forming process may require several weeks at 75 °F with proper ventilation to develop adhesion and water resistance. High humidity, high film thickness, insufficient or cooler temperature will lengthen dry to handle/topcoat times due to slower water evaporation rate. Waterborne acrylics are sensitive to moisture during early cure and are susceptible to handling damage.

COMPATIBLE COATINGS:

May be applied over a variety ofprimers including inorganic Zinc, Alkyds, Acrylics, Epoxies, Vinyls and Polyurethanes. Consult SanyChem Technical Service Department for specific recommendation.

APPLICATION CONDITIONS

<table>
<thead>
<tr>
<th></th>
<th>Material</th>
<th>Surfaces</th>
<th>Ambient</th>
<th>Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal</td>
<td>60 – 90 °F</td>
<td>65 – 85 °F</td>
<td>85 – 90 °F</td>
<td>10 – 80 %</td>
</tr>
<tr>
<td></td>
<td>(16 – 32 °C)</td>
<td>(18 – 29 °C)</td>
<td>(16 – 32 °C)</td>
<td></td>
</tr>
<tr>
<td>Minimum</td>
<td>45 °F</td>
<td>50 °F</td>
<td>50 °F</td>
<td>0 %</td>
</tr>
<tr>
<td></td>
<td>( 7 °C)</td>
<td>( 10 °C)</td>
<td>( 10 °C)</td>
<td></td>
</tr>
<tr>
<td>Maximum</td>
<td>105 °F</td>
<td>130 °F</td>
<td>110 °F</td>
<td>85 %</td>
</tr>
<tr>
<td></td>
<td>(41 °C)</td>
<td>(54 °C)</td>
<td>(43 °C)</td>
<td></td>
</tr>
</tbody>
</table>

Do not apply when the surface temperature is less than 5 °F or 3 °C above the dew point.

Drying Time* (hours) At 70°F (21°C)

<table>
<thead>
<tr>
<th></th>
<th>Set to Touch</th>
<th>Recast</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ASTM D1640] - 83 Reapproved 1989</td>
<td>½ to 2 hours</td>
<td>2 - 4 hours</td>
</tr>
</tbody>
</table>

* Dry times and dryfall performance vary with surface temperature, air temperature, air movement, humidity and film thickness. Hot surface temperatures can cause overspray to fuse to an adjacent substrate. Remove overspray from hot surfaces immediately!

** Coverage rates are estimates based on the products volume solids and make no allowance for material loss during application. Actual spread rates may vary dependent on applicator experience, surface porosity and texture.

These times are based on a 1 mil per coat (25 microns) dry film thickness. Higher film thickness, insufficient ventilation or cooler temperatures will require longer cure times.

Cleanup & Safety

Cleanup: Spray equipment should be flushed with water followed by mineral spirits. Brushes and rollers should be cleaned immediately after use with soap and water. If KoraTex - 700 dries before it is cleaned up, use a heavy-duty ammoniated household cleaner and rinse thoroughly with water. 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. Use adequate ventilation and wear gloves or use protective cream on face and hands if hypersensitive. Keep container closed when not in use. Paint Products contain chemical ingredients which are considered hazardous. Prior to use, read container label warnings and the current Material Safety Data Sheet for important health and safety information. Insure these instructions are practiced during product application and cure. Keep out of the reach of children.

Contact

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

Internet:

www.sanychem.com
sanychem@cantv.net
sales@sanychem.com

Phones:

+58-414-314,27.52 / +58-414-320,40.79 / +58-414-399,28.43