KethaPol® 550
Interior/Exterior Alkyd Urethane
Gloss Enamel

SPECIFICATION DATA
• Theoretical Solids Content By Volume:
  KethaPol 550 49% ± 2%
  Theoretical solids content by volume may vary with color.

• Theoretical Coverage Rate per Gallon:
  KethaPol 550 19.6 m²/Lit. at 25 microns.
  9.8 m²/Lit. at 50 microns.

• Mixing and application losses will vary and must be taken into consideration when estimating job requirements. Coverage will be lower over rough surfaces and at higher dry film thicknesses. Heavy applications over organic coatings may result in softening and/or solvent entrapment.

• Volatile Organic Content:
  3.21 lbs./gal. (385 g/L) varies with color

• Temperature Resistance:
  Continuous: 180 °F (82 °C)
  Non-Continuous: 220 °F (104 °C)

• Recommended Dry Film Thickness Per Coat:
  2 mils (50 microns) per coat.

NOTE: Multiple coats may be required in certain colors for adequate hiding

• Flexibility:
  Excellent

• Weathering:
  Excellent

• Abrasion Resistance:
  Good

• Color Standard in:
  Gray TL8002, Gray TL8004, White TL80A1 and White TL8041 are standard. Other colors consult your local SanyChem Representative.

• Substrates:
  Properly primed steel or concrete surfaces.

• Gloss:
  High

• Shelf Life:
  24 months when stored at 75 °F (25 °C)

• Storage Conditions:
  Store indoors.

  Temp.: 40 - 110 °F (4 - 43 °C)
  Humidity: 0 - 90%

Primed Required: Most alkyds or universal primer (SanyBond-8000). Please consult the appropriate system guide, the particular job specification or your SanyChem Coatings’ Industrial Coatings Specialist for proper systems using this product.

NOTE: A test patch is recommended to verify compatibility with existing coatings, to evaluate the adhesion to any existing coatings and the adhesion of existing coatings to the substrate.

TYPICAL CHEMICAL RESISTANCE

KethaPol-550

<table>
<thead>
<tr>
<th>Exposure</th>
<th>Splash &amp; Spillage</th>
<th>Fumes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acids</td>
<td>N/R</td>
<td>Very Good*</td>
</tr>
<tr>
<td>Alkalis</td>
<td>N/R</td>
<td>Good</td>
</tr>
<tr>
<td>Solvents</td>
<td>Poor</td>
<td>Very Good</td>
</tr>
<tr>
<td>Salt</td>
<td>Fair</td>
<td>Excellent</td>
</tr>
<tr>
<td>Water</td>
<td>Good</td>
<td>Excellent</td>
</tr>
</tbody>
</table>

* Certain colors may discolor

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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 sound, dry, clean and free of oil, grease, dirt, mildew, form release agents, curing compounds, loose and flashing paint and other foreign substances.

New Surfaces: Concrete (concrete floors) and Masonry - Do not use on floors subject to dampness from the ground. Cure at least 30 days before painting. pH must be 10.0 or lower. Roughen unusually slick poured or precast concrete by acid etching or sandblasting. Follow concrete manufacturer's application and safety instructions. Rinse thoroughly with water and allow to dry. Remove loose aggregate. Prime properly prepared concrete floors less than one year old with solventborne primer Membracoat-100.

Wood - Prime with this product.
Steel - Prime with solventborne metal primer KoraPrimer-290 or KoraPrimer-400.
Galvanized Metal and Aluminum - Prime with metal primer SanyBond-WP100 or SanyBond-8000.

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 exterior areas and overhead areas such as eaves with soap and water. All existing mildew must be removed by washing with a solution of 16 oz. (473 mL) liquid 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. Prime bare areas with primer specified under New Surfaces.

Mixing:
Power mix until uniform in consistency.

Thinning:
Thin up to 15% by volume with SolvenSany # 260 Thinner for spray applications. For brush or roller, use SolvenSany # 276 Thinner up to 10% by volume.

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.

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

Spray
Use sufficient air volume for correct operation of equipment. Use a 50% overlap with each pass of the gun. On irregular surfaces, coat the edges first, making an extra pass later.

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

Conventional Spray

Use a 3/8” minimum I.D. material hose. Hold gun approximately 12-14 inches from the surface and at a right angle to the surface.

Mfr. & Gun Fluid Tip Air Cap
DeVilbiss P-MBC or JGA FX 704
Binks #18 or #62 63B 63 PB
I.D. Approx. 0.045” I.D.

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 Pump
DeVilbiss JGN-502 QFA-514 or QFA-519
Binks Model 700 Mercury 5C or BB-36 37.1
Graco 205-591 President 30.1 or BullDog 30.1

Use a 0.013” - 0.017” tip with 2100 – 2200 psi.
Filter: 60 mesh.

Teflon packings are recommended and available from the pump manufacturer.

Cleanup & Safety

Cleanup
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.

Caution

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 conductor and non-sparking shoes.

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

Contact

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