WHY CHOOSE ACRYLIC?

GacoFlex Acrylic coatings are an efficient solution to extend the life of many existing roof systems, especially sloped roofs. Acrylic is a good option when a quick, easy to apply product is needed for routine maintenance applications. A46 is water-based, which means it cleans up with soap and water, is highly cleanable once installed and is low in volatile organic compounds (LVOC).

A46 Series White Acrylic Roof Coating
Extend the Life of Your Roof with A4600 Acrylic Coating As Part of Your Maintenance Routine

GacoFlex™ A46 series acrylic roof coatings help extend the life of a roof when used in maintenance applications by forming a protective seal that stands up to the effects of weather. It adheres well to polyurethane foam roofing, aged asphaltic roofs, aged single ply roofing membranes and metal roofing systems. GacoFlex A46 acrylic coatings are intended for surfaces where ponding water is not an issue.

Guaranteed? Yes! All GacoFlex Acrylic Roof Coatings carry a 5 Year Limited Material Only Warranty.*

*Certain conditions and limitations apply. See warranty for details.
DESCRIPTION
GacoFlex™ A-46 Series water-born acrylic roof coatings have strong adhesion to polyurethane foam and many other common roofing substrates, and possess strong tensile strength, water resistance, and exterior weatherability properties.

USAGE
GacoFlex A-4600 is intended as a protective coating for roof maintenance applications, including for use over polyurethane foam roofing, such as F2733 GacoRoofFoam, aged asphaltic roofs, or aged single ply roofing membranes. Some metal roofs may require GacoFlex™ E5320 primer before application. Not intended for low slope surfaces subject to water ponding. Consider GacoFlex Silicone Roof Coatings when long term resistance to ponding water is required.

COLORS
A4600 White Top Coat. Custom colors also available.

APPLIED PRODUCT DATA

WEATHERABILITY
Good durability, color stability and chalk resistance.

TOXICITY
Not for use in contact with edible substances or long-term potable water storage.

CHEMICAL RESISTANCE
Good solvent and chemical resistance.

PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>ASTM Test</th>
<th>Requirement</th>
<th>SOLAR PERFORMANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile Strength @ 73°F (23°C) D2370</td>
<td>255 psi</td>
<td>Solar Reflectance C1549 0.835</td>
</tr>
<tr>
<td>Tear Resistance (Die C) D642</td>
<td>68.5lbs/inch (12N/mm) 20 min</td>
<td>Thermal Emittance C1371 0.89</td>
</tr>
<tr>
<td>Permeance – 20 mils DFT @ 73°F (23°C)/ 50% RHE96 – B</td>
<td>7.0 Perms 2.5 min</td>
<td>Solar Reflectivity Index (SRI) E1980 104</td>
</tr>
</tbody>
</table>

Wet Adhesion

Spray Polyurethane Foam C794 / D903 Pass 2.0 min
Acrylic Coating C794 / D903 Pass 2.0 min
Galvanized Metal C794 / D903 Pass 2.0 min
BUR C794 / D903 Pass 2.0 min
EPDM C794 / D903 Pass 2.0 min
PVC C794 / D903 Pass 2.0 min
A4271 Acrylic BleedTrap Base Coat C794 / D903 Pass 2.0 min
Granulated Mod Bit C794 / D903 Pass 2.0 min

PACKAGED PRODUCT DATA

THEORETICAL COVERAGE
Target each application coat of A4600 at a rate of 1.5 gallons/100 sqft. (1 ltr/1.65 sq m). Additional material may be required to achieve the desired dry film thickness.

SOLIDS Weight: 66.5% / Volume: 51.0%
VOC <50 g/l (<0.417 lb/gal)
FLASH POINT ASTM D1310 >200°F (93°C)
STORAGE STABILITY 12 months. Protect from freezing. Some separation may occur after extended storage.

APPLICATION

MIXING
Stir thoroughly before use to ensure uniform color and consistency.

THINNING
Thinning is not recommended under normal conditions.

ASPHALT ROOFING SEALER
A4271 BleedTrap™ Base Coat may be used over asphaltic surfaces at 6 mils DFT at 100 sqft/gallon (2.01sq m/ltr) to reduce the potential of discoloration caused by asphaltic oil migration into the A4600 coating.

PRIMER
An anti-corrosive metal primer may be used on ferrous metal roofs to help prevent corrosion from spreading. Metal panels must be structurally sound to serve as suitable substrate for a coating system. Do not coat over existing silicone roofs.

APPROVAL
Apply only when air, material, and surface temperatures are between 50°F (10°C) and 110°F (43°C). Mix until A4600 is homogeneous before application. Apply product in the morning to allow for maximum cure time during the daylight hours. If roof temperature is over 100°F (38°C), a light mist of water may be used to increase working time. A4600 may be applied with a 3/8” (0.95cm) nap roller, brush, or airless sprayer. Sprayer recommendations (general): 2,000-3,000 psi pressure at the gun tip, 1.0-3.0 gallon per minute flow rate (3.7-11.4 ltr), and tip sizes ranging from 0.025-0.040 inches (0.0635-0.102 cm). Larger spray units will allow for longer hoses on larger jobs. Two coats of A4600 at 1.25 gal/100 sqft (1 ltr/1.65 sq m) per coat are required to achieve a total dry film thickness of 20 mils. Additional material may be required to achieve 20 mils. Do not exceed 1.5 gal/100 sqft. per coat (1 ltr/1.65 sq m). Minimum cure time between coats is 4 hours at 75°F (24°C) and 50% RH. Longer curing times needed in lower temperatures and higher humidity conditions. Do not coat roof when rain or heavy dew is expected within 2 hours. Do not apply directly to ponded or standing water. Make sure roof surface is completely dry clean and free of dirt, grease, biological soiling, loose granules or paint before coating. When necessary, use GacoWash at 1 part concentrate to 9 parts water to clean roof before application. Repair all leaks, cracks, and seal flashings before applying A46 coatings.

DRY TIME
Two coats are recommended for optimal results. Minimum dry time is 4 hours.

CLEAN UP
Clean up tools and equipment with soap and water immediately after application. Follow spray equipment manufacturer’s guidelines on clean up and maintenance of spray equipment.

For specific Safety and Health information please refer to Safety Data Sheet.