



TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS:

Solids Weight (ASTM D1644)	98 ± 2%
Solids Volume (ASTM D2697)	98 ± 2%
Density	10.7 lbs/gal
Tensile Strength (ASTM D2370)	275 psi
Elongation (ASTM D2370)	425%
Tear Resistance (ASTM D624)	37
Permeability (ASTM E96)	4 perms
Water Absorbtion (ASTM D471)	.1% after 2 weeks at 75 °F
Weathering	No degradation after 5000 hrs
Tack Free Time	1 hour
Durometer Hardness	55 ± 5 pts
Maximum Surface Temp	180 °F
Flash Point	>290 °F
Dry - Recoat	6 hours
Full Cure	72 Hours
Shelf life	Up to 12 months

VOC: <10 g/L max. (regulatory)

DESCRIPTION:

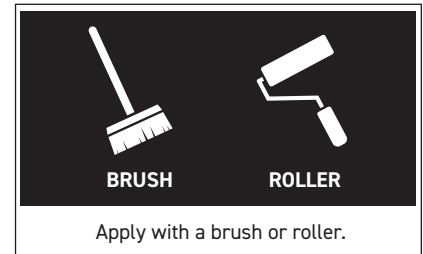
APOC® 586 ARMOR FLEX® SILICONE DEEP TINT BASE is a moisture cure, fluid applied, high solids, silicone coating designed to be used with the EZ BLEND colorant system. APOC 586 beautifies your roof while creating a shield of protection over it. Engineered with solvent-free polymers, APOC 586 outperforms traditional solvent and solvent-free products including asphaltic, urethane, thermoplastic and other protective coating products.

PRIMER:

An APOC approved bleed blocking primer should be used on applications over asphalt substrates to help limit bleed through or discoloration. Asphalt, single ply membranes and metal should be field adhesion tested to determine if primer is needed.

PREPARATION:

All surfaces must be dry and free of dust, dirt, oil, loose materials, peeling paint etc. Rusty metal must be cleaned and primed with APOC rust inhibiting primer. Surfaces with mildew or biological growth must be cleaned with a bleach solution (two parts water to one part bleach). Clean and pressure wash the roof. A mild detergent with broom is recommended on single ply membranes. Use only a wide fan spray tip or wet vac. Previously coated surfaces must be completely dry and cured. Contact APOC with material type questions. Once dry, prime surface as required. Next, treat all penetrations, drains, flashings, ponding, terminations, curbs, etc., with approved APOC® sealant and or reinforcement as specified by APOC. See APOC website for specifications and details. If surface temperatures become hot (over 140 °F) during application, wait for roof to cool. **DO NOT** apply to a wet or damp surface.



APPLICATION:

For exterior use only. Do not thin. Rain, dew, fog, frost and relative humidity greater than 70% may result in adhesion problems. Application should be completed when air, surface and material temperatures are between 40°F/4°C and 120°F/49°C for 24 hours. Application can take place at colder temperatures (above 32°F/0°C) however, special precautions must be taken to ensure there is NO MOISTURE, DEW or FROST present on the roof. Apply with a 3/4" nap exterior paint roller (preferably with mill gauge) or long bristle brush. Apply a uniform coat over entire surface, avoiding excessive rolling. Coverage rate is 1.5 - 4 gallons per square (100 square feet) in a one coat application. If multiple coats are used, additional coats shall be applied between 4 - 24 hours after first coat. If there will be foot traffic on roof after installation (and cured), embed 40 - 60 lbs. of #11 ceramic granules per 100 sq ft into top layer of coating to create a non-skid finish. Surfaces without granules are slippery when damp or wet. Coating dries in 2 - 4 hours and fully cures in 8 - 24 hours at 70°F/ 21°C and 50% relative humidity at 1.5 gallons per square. Thicker films, poor air flow and low humidity will increase dry times. Seal container when not in use. Do not walk on coating until fully cured. The contents of this container are reactive with moisture in the air. Curing starts immediately upon opening and opened product cannot be returned. Use all contents within one day of opening. Do not store at temperatures above 110°F/43°F and do not allow product to freeze.

COVERAGE RATE:

1.5 - 4 gal. per 100 sq. ft.

CLEAN-UP:

Spray equipment with VM&P or Naptha. Do not leave AP-586 for long periods in hoses, pumps or spray guns.



586 ARMOR FLEX[®] SILICONE DEEP TINT BASE

TECHNICAL DATA SHEET

Approx. Shipping Weights:

(Note: All approx. weights include container)

5 gallons (18.9L)	53.5 lb.
55 gallon drum (208.2L)	605 lb.

PERSONAL PROTECTIVE EQUIPMENT



EYEWEAR



PROTECTIVE
CLOTHING



GLOVES

STORAGE & HANDLING PRECAUTIONS:

Product safety information required for safe use is not included. Before handling, read product safety data sheets and container labels for safe use and for physical and health hazard information. Safety Data Sheets are available on the APOC website at www.apoc.com. You can also obtain a copy from your local APOC Distributor or APOC sales representative.

WARRANTY & DISCLAIMER:

Register your warranty for extended warranty terms within 60 days of the completion of the project at www.apoc.com/pages/warranty. APOC Roofing Systems, LLC hereby warrants to the original purchaser, contingent upon original proof of purchase, that this product will be free from any defects that may materially and adversely affect the product's performance for a period of one year from the date of original purchase.