581 SILICONE ROOF PATCH

TECHNICAL DATA

TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS:

Weight Per Gallon	10.6 lb./gal.
Color	White
Tensile Strength	300 psi
Elongation	500%
Skin Time (50% Relative Humidity, 70 °F)	1-2 hours
Full Cure (50% Relative Humidity, 70 °F)	3-7 days
Application Temperatures	35°F - 100°F
Flash Point	> 200°F

Approx. Shipping Weights:

(Note: All approx. weights include container)

1 gallon (3.4L)	10.6 lb.
2 gallons (7.57L)	21.2 lb.

VOC: <10 g/L (regulatory)

DESCRIPTION:

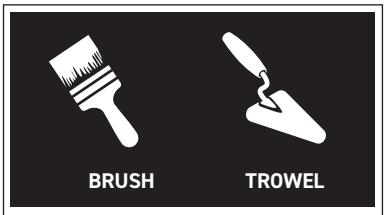
APOC 581 Silicone Roof Patch is a premium, highly flexible and durable repair product for use with silicone coatings. APOC 581 can be applied in a wide temperature range. Not recommended for use with acrylic, aluminum or asphalt coatings. APOC 581 exceeds performance requirements of ASTM C920.

PREPARATION:

All surfaces must be clean, dry, have proper drainage and free of surface rust, dust and any other foreign matter or debris. Rusty surfaces must be properly cleaned then primed with APOC 291 Rust Inhibiting Primer or comparable primer. Mold or mildew stains must be cleaned with APOC 801 Heavy Duty Cleaner or comparable cleaner prior to application. Pressure washing entire surface is recommended (use only a wide fan tip - do not allow stream to tear into roof surface).

APPLICATION:

For exterior use only. Damp or wet surfaces will result in adhesion issues or blisters. Metals must be degreased with a suitable solvent. Always apply on a clear, warm sunny day. Apply in morning hours to allow maximum cure time. Application should be completed a minimum of 4 hours prior to sunset. Temperatures must be above 35°F (1°C) for 24 hours and rising, but not above 110°F. Skins over for recoat in 1-2 hours and fully cures in 3-7 days at 70°F (21°C) & 50% relative humidity. Apply with a paint brush or trowel. When using reinforcing fabric, patch entire damaged area and extend 2-3" beyond damaged area. Embed reinforcing fabric into the repair while wet. Apply second layer of patch, brushing over and into embedded fabric. When using Incredible Tape®, adhere tape to damaged area and saturate with 581, extending 2-3" beyond damaged area.



Apply with a paint brush or trowel.

COVERAGE RATE:

Approximately 12.5 sq. ft./gal. @ 1/8 in thickness

CLEAN-UP:

Clean with Xylene

STORAGE & HANDLING PRECAUTIONS:

Do not heat or thin. Keep container sealed when not in use. Product must be kept out of sunlight, protected from the elements and in areas where air flows freely and is not restricted. For maximum shelf life store between 50°F (10°C) and 80°F (26°C). Storage at temperatures outside these conditions or at relative humidity over 65% will reduce shelf life. Storage longer than 6 months may require additional mixing. Tightly seal container after opening and when not in use. When transporting this product, ensure that the lid and openings are tight and unit is secure and upright. Do Not allow products to tumble or shift as this may cause leakage to occur. Do not transport on passenger seats or inside the passenger compartment of any vehicle. Store product in the cargo area of vehicle, and secure on top of 6 mil plastic sheeting to prevent damage due to accidental spills or loosening of lids.

PRECAUTIONS:

Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wear protective gloves and protective clothing. Avoid breathing mist/vapors/spray. Wash all exposed external body areas thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. KEEP OUT OF REACH OF CHILDREN. Contains sil(ox)anes, titanium dioxide, crystalline silica and limestone. If exposed or concerned get medical advice. IF ON SKIN: Wash with plenty

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PERSONAL PROTECTIVE EQUIPMENT

EYEWEAR

PROTECTIVE CLOTHING

GLOVES

of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Take off contaminated clothing and wash it before reuse. Store locked up. Dispose of contents/container to authorized hazardous or special waste collection point and in accordance with applicable local/national/regional/international regulations. SEE SAFETY DATA SHEET.

WARRANTY AND DISCLAIMER:

APOC warrants product to be free of material defects for the lifetime of the existing roof, assuming it is in sound condition, from the date of purchase. Product must be applied in accordance with the proper application procedures, and for the intended use as stated on the label. Proper preparation and drying conditions must be observed to achieve correct results. Should a product not perform as stated, APOC shall, within its sole discretion and upon receipt of purchaser's timely written notice within the Warranty Period, provide replacement product to repair the affected area or prorate a portion of the purchase price of the defective product based on the claim period. This limited warranty does not cover labor or installation costs, consequential damages or incidental damages. Under no circumstances will the company be liable for any amount in excess of the product purchase price. Contact company below to request a refund with purchase receipt. There are no warranties which extend beyond the description on the face hereof. THIS LIMITED WARRANTY IS THE SOLE WARRANTY PROVIDED BY APOC TO THE PURCHASER. THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE PROVIDED WITH THIS PRODUCT.

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