



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. Mould or mildew stains must be cleaned with a compatible cleaner prior to application. Rinse thoroughly. 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 1°C for 24 hours and rising, but not above 37°C. Skins over for recoat in 1-2 hours and fully cures in 3-7 days at 21°C & 50% relative humidity. Apply with a paint brush or trowel. When using reinforcing fabric, patch entire damaged area and extend 5cm - 8 cm 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 5cm - 8 cm beyond damaged area.



TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS:

Weight Per Gallon	4.8 kg./litre
Color	White
Tensile Strength	2068.43 kPa
Elongation	500%
Skin Time (50% Relative Humidity, 21°C)	1-2 hours
Full Cure (50% Relative Humidity, 21°C)	3-7 days
Application Temperatures	1°F - 37°C
Flash Point	> 93°C

COVERAGE RATE:

Approximately 0.3m²/litre @ 3 mm thickness

CLEAN-UP:

Clean-up with VM&P naphtha, xylene or mineral spirits.

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. Shelf life is up to 18 months from date of manufacturer for unopened containers. For maximum shelf life store between 10°C and 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. Opened containers should be used within 3 - 5 days after opening. If a skin forms, remove prior to mixing material. Store locked up. Store in a well-ventilated place. 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. Dispose of contents/ container to authorized hazardous or special waste collection point and in accordance with applicable local/national/regional/international regulations.

Approx. Shipping Weights:

(Note: All approx. weights include container)

3.4L	4.8 kg.
7.57L	9.6 kg.

VOC: <10 g/L

EU limit value for this product (cat. A/i):
500g/l (2010).



PERSONAL PROTECTIVE EQUIPMENT



EYE PROTECTION



FACE PROTECTION



PROTECTIVE CLOTHING



GLOVES

PRECAUTIONS:

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P307+P311 IF exposed: Call a POISON CENTER or doctor/physician. P312 Call a POISON CENTER or doctor/physician if you feel unwell. P363: Wash contaminated clothing before reuse. KEEP OUT OF REACH OF CHILDREN. SEE SAFETY DATA SHEET.