



TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS:

Solids by Weight	57%
Color	Blue
Tensile Strength (ASTM D2370)	1896.06 kPa
Elongation (ASTM D2370)	275 %
Bleed Resistance	Excellent
Viscosity	100 - 130 ku
Adhesion	Excellent
Skin Time (50% Relative Humidity, 21°C)	8 hrs.
Full Cure (50% Relative Humidity, 21°C) (Depending on qty & specification)	24 - 72 hrs.
Application Temperatures	10°C - 43°C

Approx. Shipping Weights:

(Note: All approx. weights include container)

3.4L	5.21 kg.
18.9L	24.26 kg.

VOC: <65 g/L

DESCRIPTION:

APOC 583 is a high performance waterborne primer formulated to create a smooth, fully adhered substrate prior to the application of APOC silicone coatings. APOC 583 helps prevent bleedthrough over asphalt substrates, promotes adhesion, seals cracks and improves long-term performance and durability.

PREPARATION:

Surfaces must be clean, dry, and sound; contaminants such as dirt, dust, grease, wax, oils, soap film, Mould & mildew, bond breakers, curing compounds, and loose, peeling paint must be removed before priming. Surfaces with mildew growth or stains must be cleaned with a bleach solution (two parts water to one part bleach) prior to applying this product. Rinse thoroughly. Pressure washing entire surface is recommended for best results (use only a wide fan tip - do not allow stream to tear into roof surface). Prior to application of APOC 583, repair all cracks, splits or damaged areas using a 3 or 5 course application of APOC 583 and a polyester reinforcement. APOC Incredible® Tape may be substituted for repairs as appropriate. Allow repairs to cure 24 - 72 hours (depending on weather and drying conditions) before application of silicone coating. Asphalt surfaces require a minimum of 0.2mm of continuous dry film for bleedthrough resistance. Asphalt: The age and condition of asphalt will affect bleed through with newly applied and uncleaned asphalt surfaces increasing bleed. Do not heat or thin. Single Ply roofs must be primed using a single ply adhesive primer. Metal: Rusty metal must be cleaned with a wire brush and primed/sealed with a primer. Application of silicone prior to full cure of APOC 583 may result in blisters or peeling. **DO NOT APPLY WHEN RAIN OR DEW IS EXPECTED WITHIN 24 - 48 HOURS OF APPLICATION COMPLETION.**

APPLICATION:

For exterior use only. Protective clothing, gloves and eyewear should be used during application of this product. Always apply on a clear, warm sunny day. Apply in morning hours to allow maximum cure time. Application should be completed a minimum of four hours prior to sunset.


Temperatures must be above 10°C (for 24 hours) and rising, but not above 43°C ambient. Apply with a 20mm nap exterior paint roller, brush or professional airless sprayer. Allow to cure a minimum of four hours before applying additional coats of APOC 583. Product fully cures in 24 hours when used as a base coat at 21°C & 50% max relative humidity. When using polyester reinforcement, full cure is 48 - 72 hours at 21°C & 50% max relative humidity. Important: Higher humidity, thicker films, poor air flow and lower temperatures will increase dry times. Coverage rate: Base Coat/Primer is 4 liters per square and 9-12 liters per square when used with reinforcements. See APOC specifications for additional information. NOTE: Excessive heat can cause flash drying of coating. No recommended to apply to surfaces 49°C or greater.

COVERAGE RATE:


Approximately 0.37 L/m² (or 2.7 m²/L) @ 3 mm thickness

CLEAN-UP:


Clean tools with soap and water



BRUSH



ROLLER



SPRAYER

SPRAY INFO:

13789.5 - 20684.2 kPa, 0.762 - 1.041mm Tip Size,
3.785 - 11.356 l/min

PERSONAL PROTECTIVE EQUIPMENT



EYE PROTECTION



FACE PROTECTION



PROTECTIVE CLOTHING



GLOVES

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 15°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.

PRECAUTIONS:

Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Wear protective gloves, protective clothing, eye protection, face protection.

KEEP OUT OF REACH OF CHILDREN. SEE SAFETY DATA SHEET.