



576 PREMIUM SILICONE GREY ROOF COATING



TECHNICAL DATA SHEET



DESCRIPTION:

APOC 576 Premium Silicone Grey Roof Coating is a 100% silicone roof coating for low slope roofs or areas where ponding water may occur. The high solids, low odour formula sets quickly, will not crack and can be applied in a wide temperature range. APOC 576 exceeds performance requirements of ASTM D6694, ASTM D7281.

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). Be certain all surfaces are thoroughly rinsed and dry prior to applying coating. For applications over asphalt roof surfaces, APOC 583 primer or comparable product can be used as a base coat for stain blocking protection.

PATCH:

Repair all leaks and cracks before applying any coating. Make repairs with polyester reinforcing fabric or APOC Incredible® Fleece-Top Tape and APOC 581 Silicone Roof Patch. Allow repair to cure according to product directions before application of roof coating.

APPLICATION:

Mix well before applying. A power drill mixing tool is ideal. Confirm all dew or moisture has completely dried from the roof before applying. Best applied on a clear, dry day with warming temps between 1°C and 48°C. Use a quality, heavy duty 20mm nap paint roller or professional airless sprayer. APOC 576 can be applied in 1 coat to surfaces in good condition. Recoat rough or damaged areas as needed. Rain safe in 15 minutes at 21°C & 50% relative humidity.

COVERAGE RATE:

Approximately 1.7m²/litre.

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.

TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS:

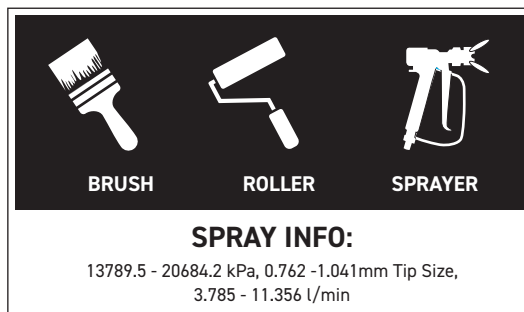
Solids Weight	97 ± 3%
Colors	Grey
Solids Volume	97 ± 3%
Viscosity	7,000 cps
Density	1.32 g/cm ³
Hiding Power	98.38%
Gloss	78.60%
Tensile Strength	1.72 MPa
Tear Resistance	0.54 kN/m
Reflectivity	90 ± 1%
Emissivity	0.90
SRI value	115
Permeability	3 perms
Water Absorbion	0.1%
Elongation	315%

Approx. Shipping Weights:

(Note: All approx. weights include container)

3.4L	4.8 kg.
18.9L	23.2 kg.

VOC: <10 g/L



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

Gardner-Gibson, Inc.
4161 East 7th Avenue. Tampa, FL 33605, United States
+1 (813) 248-2101 | www.icpgroup.com | E23





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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. P304+P312 IF INHALED: 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.

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