

AP 525



ARMORFLEX® THERMOPLASTIC SURFACING COMPOUND Data Sheet

COMPLIANCE: Exceeds performance requirements of ASTM D 3019, TYPE III. MIAMI-DADE APPROVED. ASBESTOS FREE.

DESCRIPTION: APOC® 525 ArmorFlex® Thermoplastic Surfacing Compound is a unique thermo-plastic rubber coating and mastic designed for waterproofing a variety of structural surfaces. Uses include protective coating applications and new and existing roof applications. Consult the ArmorFlex® Material Safety Data Sheet (MSDS) and application guide for specific information on the proper handling and application of this product.

PREPARATION: All surfaces must be dry and free of loose gravel, dirt, dust, oil and other debris. It is recommended that gravel surfaced asphalt roofs be primed using Asphalt Primer. STIR ARMORFLEX BY HAND OR POWER MIXER BEFORE USING.

FOR BEST RESULTS: For maximum performance, ArmorFlex® Thermoplastic Surfacing Compound requires a top coating of either gravel, granules or compatible APOC® Reflective Roof Coating. Armorflex must age a minimum of 60 days and sometimes longer before applying reflective coatings.

APPLICATION: Use only in exterior, well ventilated areas. Apply direct from the container, no thinning is necessary. Follow recommended safety precautions. Unused material should be resealed in its original container with legible label. Disposal of unused materials and containers must be in accordance with applicable Federal, State and local regulations. Clean hands with waterless hand cleaner.

APPLICATION METHOD: Smooth blade squeegee on gravel surfaces, Notched blade squeegee for smooth/granular surfaces. Application to roof with slopes of 1/8" in 12 or greater may cause material to run or drip. Test prior to application.

COVERAGE RATE :

Smooth/Granulated Surfaces = 3 gal/100ft²(min) - 5 gal/100ft² (avg.)*
Gravel Roof Surfaces = 8 gal/100ft²(min) - 12 gal/100ft² (avg.)*
*Irregular substrates may require more material

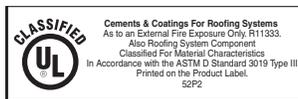
PRECAUTIONS: This product contains strong solvents. When working around ventilation units or HVAC equipment, ensure proper fume mitigation procedures are taken to avoid fumes and / or odors from entering air handling equipment and building. Do not apply to wet or damp surface or if rain is expected within 12 hours. Recommended application temperature 40°F and rising. At colder temperatures, store material inside at 70°F for at least 24 hours prior to application. Protective clothing and eyewear should be used during application of these products. When transporting this product, ensure that lid is tight and pail secure and upright. Do not allow pail to tumble as this may cause lid to loosen and 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 over protective cloths to prevent damage due to accidental spills. Do not store at temperatures above 100°F. All products should be applied in accordance with NRCA Guidelines. Improper drainage may result in premature failure of this product. Always provide owner and occupants safety information prior to starting application. Do not reuse empty containers. Do not use in drinking water or food systems. Seal container when not in use. **DO NOT THIN! For commercial and industrial use only.**

Cancer Hazard: You must wear and use protective materials to prevent overexposure to this product and its fumes. Prolonged and repeated skin exposure over many months to years, in the absence of recommended hygiene practices, may lead to changes in skin pigmentation and benign skin growths. In some cases, skin cancer may occur after many years of exposure. These effects appear to be exacerbated by simultaneous exposure to ultraviolet light (sunlight). Long term exposure to coal tar pitch volatiles has been associated with the development of skin, kidney, bladder, scrotum and lung cancer.

CLEAN-UP: With paint thinner or mineral spirits.

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See MSDS for more info



FOR USE IN CLASS A, B, OR C ROOFING SYSTEMS

TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS

Weight Per Gallon	7.9 ± 0.5 lbs.
Residue by Evaporation*	60 %
Elongation (ASTM D-562)	>2000%
Tensile Strength (ASTM D-2370)	>200 psi
Combustible Solvents	Mineral Spirits
Consistency	Squeegee
Skin Time (50% Relative Humidity, 70°F)	4-8 hours
Application Temperatures	Minimum 40°F and rising
Clean-up Tools	Paint Thinner, Mineral Spirits

*Note: Percentage may vary + or - 3%.

Approx. Shipping Weights: (Note: All approx. weights include container.)

5 gallons (18.9L)	45 lbs.
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CAUTION – COMBUSTIBLE MIXTURE CAUTION!: HARMFUL OR FATAL IF SWALLOWED. EYE, SKIN AND RESPIRATORY IRRITANT.

Contains Petroleum Distillate. Keep away from heat, sparks and open flame. If swallowed DO NOT induce vomiting. Call physician immediately. In case of : Eye contact - flush with large amounts of room temperature water for 15 minutes; Skin contact - wash thoroughly with soap and water; Irregular or stopped breathing - administer oxygen, give artificial respiration and get medical attention immediately. Avoid prolonged breathing of vapor or spray mist.

FOR EXTERIOR USE ONLY
Use with adequate Ventilation
Keep Out of Reach of Children
VOC/VOS - 377 g/l max.

CALIF. PROP. 65 • CHEMICAL WARNING (CALIFORNIA HEALTH AND SAFETY CODE #25249.5 ET SEQ). WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm. Use proper protection and adequate ventilation, when using product.

WARRANTY AND DISCLAIMER: To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. User must contact APOC to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. Liability, if any, is limited to replacement of product unless installed by an approved contractor in accordance with APOC warranty procedures and program.

For limited warranty and disclaimer information, visit our website at: www.apoc.com/productwarrantyinfo.



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