



TRI-BUILT® NON FIBERED ALUMINUM ROOF COATING

PRODUCT DESCRIPTION:

TRI-BUILT® Non-Fibered Aluminum Roof Coating is specifically designed as a reflective coating which protects the underlying surface. This product contains asphalt and solvent blended with metallic aluminum pigment. The aluminum pigment contained in the coating deflects damaging ultraviolet rays of the sun. TRI-BUILT® Non-Fibered Aluminum Roof Coating can add years of life to the roof surface. This coating helps to reduce interior temperature and protects the roof and roofing membrane by reducing heat absorption, asphalt oxidation and rapid thermal dimensional changes. NOT TO BE SOLD IN SOUTHERN CALIFORNIA.

USAGE:

TRI-BUILT® Non-Fibered Aluminum Roof Coating can be used on barns, homes, garages, offices, industrial buildings, and factories. The types of roof systems included for application can be built-up asphalt, smooth-surfaced Modified Bitumen membranes, prepared roll roofing, weathered galvanized iron and tin. Not recommended over flood coats or glaze coats of asphalt for one year after application. Not recommended over fibered roof coatings for one year.

SURFACE PREPARATION:

Carefully inspect area to be coated, including around pipes, chimneys, equipment, roof edges and walls. Repair all cracks, breaks, splits and holes by embedding polyester fabric or open mesh glass fabric between 2 heavy coats of roof cement, applied over and at least 2 inches beyond repair. Allow mastic to cure 30 days before coating to avoid discoloration. Surface must be clean, dry and in good repair. Remove rust by wire brushing. Sweep or hose down area to remove all dust, dirt and residues. Scrub areas where water ponds with detergent and water, and rinse well. Uncoated concrete and masonry, new galvanized metal and hard-to-clean surfaces such as built-up roof from which the gravel has been removed should be primed with a light coat of asphalt primer, just enough to seal the surface without any built-up film. Allow primer to dry completely before applying TRI-BUILT® Non-Fibered Aluminum Roof Coating.

APPLICATION:

Allow enough time for newly coated asphalt surfaces to cure completely before applying TRI-BUILT® Non-Fibered Aluminum Roof Coating. Failure to allow for complete cure may result in cracking, alligatoring of the coating's film or will prevent proper leafing of the aluminum pigment causing the finish coating to appear brown. Solvent-based fibered asphalt coatings or new hot asphalt coatings should be allowed to cure a minimum of three months in good drying weather. Standard practice for application of TRI-BUILT® Non-Fibered Aluminum Roof Coating per ASTM D-3805, recommends that the asphalt surface has at least the equivalent of one complete summer of weathering. This coating is easy to apply. It can be either brushed, rolled or sprayed. If applied by sprayer, please consult the manufacturer of the spray equipment for application specification. TRI-BUILT® Non-Fibered Aluminum Roof Coating covers approximately 200 sq. ft. per gallon. As roof slope increases, coverage rate should be reduced as needed to prevent run-off or slippage.



PHYSICAL PROPERTIES

Appearance

Silvery liquid

Color

Silvery brown

Consistency @ 77° F

20-30 Stormer Seconds
(ASTM D-2824) Type I

Flash Point

105° F. (ASTM D-3278)

Insolubles in CS₂ % of NVM

40% (ASTM D-2824) Type I

Maximum VOC

500 g/l

Maximum VOS

4.2 lbs/gal

Reflectance

50% (ASTM D-2824)

Solids By Weight

48% (ASTM D-2824)

Specific Gravity @ 77° F (25°C)

0.96

Uniformity

As described (ASTM D-2824)

Water By Weight

0.3% (ASTM D-95)

Weight Per Gallon

7.8-8.2 lbs (ASTM D-1475)

Meets ASTM D-2824, Type I.

IMPORTANT:

TRI-BUILT® Non-Fibered Aluminum Roof Coating must be mechanically mixed thoroughly before and during application. Coating should be applied under normal environmental conditions without thinning.

PRECAUTIONS:

Do not heat container or store at temperatures greater than 110°F. **DO NOT APPLY IF THERE IS A THREAT OF RAIN, DEW, OR FROST WITHIN 48 HOURS.** When transporting this product, be sure the pail is secured and the lid is tight. Do not allow pail to tumble as this may loosen the lid and allow leakage to occur. **CLOSE AIR INTAKES ON ROOF UNTIL SOLVENTS DISSIPATE!** This coating is not recommended for use over gravel, rubber or PVC sheet roofing, shingles of any kind or old roofs that are too dry and brittle to withstand the shrinkage stresses that occur after the application of any coating. Do not allow water to enter a partially used container. This may result in pressure build-up in the container.

NOTE:

This coating, like all asphalt-based products, forms a small amount of water soluble material as it weathers. Normally this is not noticeable because the rain washes it away. However, roofs having a pitch less than 1/2" per foot, or ones having poor drainage, will accentuate the problem by concentrating the water soluble material in low spots. If there is no rainfall, hose these roofs off to remove the water solubles. Frequent inspection of these roofs is recommended because abnormally rapid deterioration of any roofing material may occur where water stands for long periods.

CLEANUP:

Tools may be cleaned with mineral spirits. Use care when handling solvents. Clean hands with a waterless hand cleaner.

WARNING! COMBUSTIBLE! Contains petroleum distillate. Keep away from heat and flame. Do not heat container or store at temperatures greater than 110°F. **CLOSE AIR INTAKES** until solvents dissipate. Contains volatile solvents that might contaminate potable water. Close container after each use. Dispose of container and unused contents in accordance with Local, State and Federal regulations. **DANGER! HARMFUL OR FATAL IF SWALLOWED.** If swallowed, do not induce vomiting. **CALL PHYSICIAN IMMEDIATELY!** Use protective measures to avoid contact with eyes and skin. In case of eye contact, open eyelids wide and flush immediately with plenty of water for at least 15 minutes. In case of accidental injection by power spray equipment, **GET MEDICAL ATTENTION IMMEDIATELY! USE ONLY WITH ADEQUATE VENTILATION!** Avoid breathing of vapor. If you experience eye watering, headaches or dizziness, leave area or increase fresh air or wear respirator (NIOSH/ MSHA TC 23C or equal). Repeated and prolonged occupational overexposure to solvent vapor may cause permanent brain and nervous system damage, and may cause liver or kidney damage.

KEEP OUT OF REACH OF CHILDREN.

WARNING: This product contains detectable amount of chemicals known to the State of California to cause cancer, or birth defects or other reproductive harm.

EMPLOYERS should obtain a copy of the Safety Data Sheet (SDS) from your supplier.



FBC Approved