

COLUMBIA BLACK FIBRE COATING

PRODUCT DESCRIPTION

Columbia Black Fibre Coating is a tough, high quality, cold process material manufactured with specially selected asphalts, fibres, plasticizers, and other additives. It is designed and formulated to provide economical protection against water penetration for a variety of roof surfaces.

LONG LASTING PROTECTION

Applied as directed, Columbia Black Fibre Coating cures to a durable, weatherproof roof surface with excellent long-term flexibility and protection. The asphalt provides protection against the weather. The special oils and plasticizers penetrate the felts, keeping them pliable, helping fight against cracking and alligatoring. Columbia Black Fibre Coating penetrates, resaturating the felts, increasing the roof service life and helping preserve old, dried-out roof surfaces.

USES

Columbia Black Fibre Coating is an excellent weatherproofer for built-up composition roofs. It also does an excellent job on metal roofs, gravel roofs, concrete roofs and rolled roofing.

SURFACE PREPARATION

Roofs must be cleaned thoroughly prior to application. Remove all dirt, dust, rust, debris and water by brooming and/or forced air where necessary. All loose

gravel must be removed from ballasted roofs. Scrape back to a hard edge all loose or scaled coating. Make all repairs necessary to existing surface prior to applying Columbia Black Fibre Coating.



Roofs must be in leak-free condition prior to application. Split seams, blisters, and cracks in existing surfaces and flashings must be repaired with Columbia All Season Cement or Columbia Neoprene Flashing Cement. Areas to be repaired should be reinforced with Columbia Permamat or Columbia Coated Glass Membrane. Heavily weathered or exposed felt surfaces, as well as concrete, masonry, or rusted metal should be primed with Columbia Quick Drying Primer prior to coating. Roof surfaces must be dry prior to application.

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APPLICATION

Application can be by means of brush or power spray equipment. Product requires no heating or mixing. Just apply directly from the container. If the material is difficult to spread in cooler temperatures, warm containers by storing them overnight at 65° to 75°F. Do not apply direct heat (open flame) to material.

Recommended rates of coverage are as follows:

ROOF SUBSTRATE GALLONS PER SQ.

Metal Roofs	2-3 Gallons
Smooth Asphalt BUR	2-4 Gallons
Rolled Roofing	2-4 Gallons
Concrete	3-4 Gallons
Gravel	3-8 Gallons

Coverages listed above are minimum recommendations for roofs in good, leak-free condition. Additional material may be required and is determined by roof condition.

CAP SHEETING

Where the roof is severely deteriorated or alligatored, Columbia Black Fibre Coating can be used in a retrofit application using Columbia Permamat or Columbia Coated Glass Membrane as a reinforcement. Apply 3 to 4 gallons per square as the base or adhesive coat and then embed the membrane, making sure that it is dry brushed from the center outward to eliminate all air pockets, fishmouths and wrinkles. The length of the strip will vary depending upon ease of placement. The end of each strip of membrane should be overlapped a minimum of 6". The side laps should be overlapped a minimum of 3". The reinforcing fabric should be applied at least 8" up all parapet walls.

Apply a flood coat (top coat) of Columbia Black Fibre Coating at the rate of 4 gallons per square. Make certain that the reinforcing membrane is covered completely. This installation process should continue across the entire roof. Always start at the lowest pitch of the roof so water will run over the lap rather than into the seam of the overlap. On barrel roofs, the membrane should be applied parallel with the pitch or fall of the roof. Reinforcing fabric should be applied in a checkerboard fashion so that no two seams butt up against each other.

ALUMINIZE FOR ENERGY SAVINGS

Additional energy savings can be realized by applying a reflective coating of Columbia Silver Shield, Columbia Sterling Aluminum Fibre Coating or Columbia 2000 Plus Fibre Coating. This will improve the overall appearance of the building, protect the underlying Columbia Black Fibre Coating from deterioration of the sun and weather and reduce the amount of energy required to cool the building in hot summer months. Columbia Black Fibre Coating should be allowed to cure a minimum of 90 to 120 days prior to aluminizing.

LIMITATIONS

Do not use on dead level asphalt, tar, wood shingles or slate. Do not use where material, once applied, may come in contact with potable water. Do not apply open flame.

CONTAINERS

55 Gallon Drum
5 Gallon Pail