



FlexShield Adhesive+

Product Information and Technical Data

FlexShield Adhesive+ is a specially formulated blend of select asphalts, mineral fibers, solvent and cohesive materials. Manufactured to a thick, brushable consistency, it provides lasting adhesion and a watertight seal to layers of cold applied, asphalt coated, rolled roofing.

Uses

FlexShield Adhesive+ may be used as a cold process adhesive for SBS modified bitumen membranes to smooth asphalt surfaces and as an adhesive for smooth roll roofing up to 65 pounds, an adhesive for half lap selvage edge roofing, and as a weatherproof maintenance coating for sloped roofs.

Advantages

- FlexShield Adhesive+ is easy to apply and provides excellent substrate adhesion and strong lap bonds. May be used with SBS modified bitumen membranes, coated fiberglass or coated polyester base sheets.

Installation

Coverage

Product yield to achieve desired rate will be from 2 to 4 gallons per 100 square feet. The yield varies according to the existing surface texture. As a general rule, the smoother the surface, the less material is required. This coverage is per coat or ply.

Surface Preparation

Remove all dirt, dust, debris and standing water by brooming and by forced air where necessary and where no danger or nuisance is caused to areas adjacent to work. All loose gravel must be removed from ballasted roofs. Scrape back to a hard edge all loose or scaled coating. Make all necessary repairs to existing surface prior to coating. Split seams, blisters and cracks in existing surface should be repaired with #102 Roof Cement and reinforced with Polyester Mat. Heavily weathered or exposed felt surfaces, as well as concrete, masonry or rusted metal should first be primed with #101 Asphalt Primer. Metal roofs should be allowed to weather for six months prior to coating.

Application

Apply by pouring directly from the container and spreading with a standard roofing brush. Be sure to spread product evenly. For polyester fabric installation, apply a first coat of FlexShield Adhesive+ to roof surface at the minimum rate of 1.5 gallons

per 100 square feet. Imbed the roofing ply/plies in wet material, taking care to smooch out any wrinkles. Overlap 4" on parallel seams and 6" on end seams. Apply a finish coat of FlexShield Adhesive+ at the minimum rate of 1.5 gallons per 100 square feet. Note: When using Type II or Type III fiberglass base sheets, cut the plies in 18 to 20 foot long sections and allow to relax a minimum of 30 minutes prior to installation.

FlexShield Adhesive+ cleans up with mineral spirits, but do not thin the product with this or any other solvents.

For the easiest workability in cold temperatures, warm containers by storing them overnight in a room at 65° to 75° F.

Drying Time: Four hours to touch at 70° F. & 50% relative humidity. Allow 7 to 14 days before any exposure to foot traffic.

Restrictions

Do not use lightweight roofing felts such as Type IV or Type VI fiberglass roofing felt. Do not use with uncoating roofing mats. Do not use with 90 pound granulated roofing plies. Do not use with PVC film. Do not use where material, once applied, may come into contact with potable water. Not for use on or with products containing coal tar. Do not use on slate shingles or apply directly to wood surfaces. Surfaces to be dry and clean and must remain so for 24 to 48 hours after application. Not for use over rubber or plastic membranes - asphalt modified only. For exterior use only.

Cautions

This product is combustible. Keep away from heat, sparks and open flame. Avoid repeated or prolonged contact with skin. If swallowed, do not induce vomiting, Contact Physician Immediately. Keep container closed when not in use. KEEP AWAY FROM CHILDREN. Product label and Material Safety Data Sheet contain further information on the safe use of this product and precautions for the safe disposal of the container. They should be read and understood prior to use.

Availability and Costs:

Availability: Products are immediately available from GlobalShield, Inc. throughout the United States.

Cost: Cost data is available from your local GlobalShield representative.

Technical Services: GlobalShield Technical Services Department provides problem analysis and assistance in developing recommendations for special applications. Warranty systems require inspection by GlobalShield prior to installation. Progress and final inspections are also required.

Statement of Policy and Responsibility:

GlobalShield takes responsibility for the furnishing of quality materials, and providing specifications and

recommendations for their proper installation.

GlobalShield does not, either itself or through its representative, practice architecture or engineering. GlobalShield offers no opinion on, and expressly disclaims any responsibility for, the structural soundness of any roof deck on which its products may be applied. Opinions of competent structural engineers should be obtained by the owner as to the structural soundness of the roof deck, or its ability to properly support the contemplated roof installation. GlobalShield accepts no liability for any failure of the roof deck or resultant damages, and no GlobalShield representative is authorized to vary this disclaimer.

