



TYPE DK3 “SPATTERCOAT” ADHESIVE

SUPPLEMENTARY TECHNICAL INFORMATION

PRODUCT DATA

1. Adhesive: This product is listed in the UL Directory as Type DK3, and is a blend of cementitious materials, designated to be used with Southwest Fireproofing cementitious products as an adhesive, specifically when applying products onto cellular (flat) steel decking, and on all flexible roof deck assemblies. See Data Sheet for further details.
2. Coating Over Spray: Type DK3 may be used as an over spray for Southwest Fireproofing cementitious products to achieve greater durability and damage resistance. Use Type HC (“HARD CLAD”) coating when greater resistance to damage is required, such as in mechanical rooms or areas where occasional traffic is present.

MIXING PROCEDURES

1. Mix with clean potable water, using a mechanical plaster mixer, rotating at 35 – 45 RPM. Do not use a continuous mixer. Use about 27 – 30 gallons for a 3-bag mix. It is recommended that a 3-bag mix be used.
2. Mix product for about 1 1/2 – 2 minutes, until slurry is uniform. The mix will appear wet. Agitate occasionally, to prevent settling of ingredients.

APPLICATION

1. Pump: Use regular cementitious pumping equipment, preferably small rotor – stator pumps, Because of the liquid nature of Type DK3 it is not recommended to use a high efficiency piston pump.
2. Apply Type DK3 at the beginning of each day, and allow to set for a minimum of 30 minutes before applying fireproofing. It is acceptable to apply Type DK3 the prior day, but it is not recommended to exceed 24 hours before fireproofing is applied.
3. When used as an over coat, apply Type DK3 before fire protection is dry. If the application of Type DK3 is to be applied after the fireproofing is dry, then re-wet the fire protection, using a slight water mist from a garden hose. This will assure adhesion and prevent premature drying of the Type DK3 coating.

APPROXIMATE COVERAGE

1. As an Adhesive: Apply product, so that coverage does not exceed 70% of the surface area. Adjust spray pattern to achieve a “spatter” coat consistency. Coverage per bag should be approximately 600 - 800 sq. ft. per bag. Be sure that at least 30% of the steel area is visible.
2. As an Over Coat: Apply product to moist or pre-wetted surface to achieve complete coverage. Expect coverage to be less than 125 sq. ft. per bag.

CAUTIONS

1. After applying Type DK3, and you will use the same pump to pump the fire proofing mix, be sure to wash out all equipment and hoses completely. Type DK3 is a cement based product, and will react with plaster-based materials such as Southwest Fireproofing Type 5| products. It is suggested that a small quantity of retarder (“Red Top” or similar) be introduced with the first mix containing plaster materials.
2. If applying cement based fire protection, it is not necessary to clean out the equipment when commencing with the fire protection application.
3. Type DK3 contains cement. Be sure to either mask or clean immediately all surfaces that may be exposed after fire protection is complete. Staining may occur.
4. After completion of application of Type DK3, be sure to flush out all equipment with soap and water.