

## SOUTHWEST FIREPROOFING TYPE DK™ Cementitious Adhesive

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### 1. PRODUCT NAME

Type DK, also referred to as Spatter Coat.

### 2. PRODUCT DESCRIPTION

**Basic Use:** Type DK is a spray applied factory blended cementitious adhesive. It is designed to be used with Type 5 and Type 7 cementitious fireproofing on all cellular steel decking (flat plate) and required to be used on all roof deck systems.

**Composition:** Type DK is a blend of cement, vermiculite and proprietary binders. It is factory blended and requires only the addition of water at the job site.

**Limitations:** Type DK is not intended for direct exposure to weather or excessive physical abuse.

**Packaging:** Type DK is packaged in 50 lb (22.7 kg) polyethylene bags.

### 3. TECHNICAL DATA

**Fire Resistance Ratings:** Type DK has been tested in accordance with ASTM E-119. Refer to UL's Fire Resistance Directory for fire rated designs.

### 4. INSTALLATION

**Surface Preparation:** Surfaces to receive Type DK must be free of oil, grease, loose scale or other substances, which may impair adhesion. Hangers, clips or other attachments must be in place prior to the application of this product.

**Mixing Procedures:** Type DK is to be applied by authorized applicators. Mix with clean potable water in a mechanical mixer, rotating at about 35-45 RPM. Use approximately 9 to 10 gallons of

water per bag or approximately 27 to 30 gallons for a 3 bag mix. Mix for about 1 ½ to 2 minutes, until the slurry is uniform. The mix will appear wet. Agitate occasionally, if left standing, so that mixture does not settle. If Type DK is sandwiched between Type 5 mixes in the same mixing / pumping equipment, the Type 5 batches in front of and following the Type DK, **MUST BE RETARDED** (usually 2 batches of Type 5 before and after is sufficient). Use half of a 5 oz. Dixie cup of retarder per 3 bag batch of mixed Type 5. Retarder is not required for Type 7.

**Coverage:** Type DK is best applied using small to medium rotor / stator pumps. Piston pumps are typically too large in volume output. Apply product so that coverage does not exceed 70% of surface area. Adjust spray pattern so that product does "spatter". Coverage per bag should be 600 to 800 sq. ft. About 30% of the deck area must be visible.

### 5. AVAILABILITY AND COST

**Availability:** A/D sales offices and technical representatives are located throughout North America.

### 6. MAINTENANCE:

No maintenance should be required. Damage caused by other trades should be patched by fireproofing contractor, but at the expense of trade causing damage.

### 7. TECHNICAL SERVICES

Contact nearest A/D representative or office.

### 8. HEALTH AND SAFETY

To safely use this product, read and abide by the material safety data sheet (MSDS).

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Type DK is manufactured under license to Southwest Fireproofing™ Products by

#### A/D FIRE PROTECTION SYSTEMS

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