

Tuffkote LIBS™

(Lightweight Insulation Barrier System)

Coating for Thermal and Acoustical Insulation

Technical Data Sheet

Product Description Tuffkote LIBS™ is a unique proprietary formula that provides a durable, rugged coating over insulation. This water-based product can be created in any color option. Tuffkote LIBS™ is spray applied directly to insulation. Its durable, lightweight nature allows easy transportability and application. Tuffkote LIBS™ is easily maintained and will effectively maintain the integrity of the insulation system.

Tuffkote LIBS™ is designed for interior or covered exterior structures. Traditional projects include metal buildings, warehouses, industrial facilities, showrooms, etc. Also, its durable nature reduces the concerns of property damage that may occur through normal operations of a facility.

Damage Protection Tuffkote LIBS™ provides substantial durability for soft surfaces. The hardy nature of Tuffkote LIBS™ protects against damage from a variety of source, such as incidental occupant contact, animals, mechanical impact or other common sources leading to building abuse. As a result of this protection, the lifespan and value of the building is increased.

Airborne Contaminant Protection The hardy nature of Tuffkote LIBS™ provides unusual protection to chemical solvents and other indoor air quality contaminants commonly found in commercial buildings. Thus, if a manufacturing facility uses a high level of grease, petroleum or other chemical solvents, it may resist the contaminant. Also, common environmental contaminants, such as dust, dirt should not penetrate the material.

Lightweight Tuffkote LIBS™ consists of proprietary, ceramic spheres creating a lightweight product when applied. This water-based product will not place undue stress on the insulation system or building.

Color Options Tuffkote LIBS™ is primarily applied in gray. Custom colors, however, can be created by the manufacturer to match many colors or shades upon special request. This option enables the building to meet any specified reflectivity or absorption characteristics. Whether a building will be a showroom requiring high light reflectivity or movie hall which must absorb light, Tuffkote LIBS™ is the perfect application.

Maintenance The tough exterior of Tuffkote LIBS™ will tend not to require much maintenance. Frequency will depend upon the specific nature of work within the building and its environmental conditions.

Bidding Requirements Tuffkote LIBS™ coverage will vary based on several factors. The thickness of application may vary based on contractor and owner preference. Surface texture also can affect coverage including two or more coats.

Equipment Recommendation Graco TexSpray 1030 FC or equivalent.

Handling Requirements Tuffkote LIBS™ is distributed in liquid form. Flush nozzles, guns, lines both before and after use. Clean up spills or overspray promptly. Prior to application ensure product is thoroughly mixed well inside the container or drum.

Surface Preparation Application surface must be dry, firmly adhered to roof and free of any material impeding proper bonding. Sample overspray can determine if there are any restrictions to application.

Caution Measures must be in place to prevent flammable contaminants from collecting on Tuffkote LIBS™.

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Specifications Guide

PART 1- GENERAL

1.01 SUMMARY

- A. The work to be performed under this section shall include all materials, equipment, labor and services required to install Tuffkote LIBS™ in accordance with these specifications.
- B. A representative surface of not less than 100 square feet shall be sprayed and approved by the Architect prior to proceeding.

PART 2- PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

InCide Technologies, Inc.
50 N. 41st Avenue
Phoenix, AZ 85009
(800) 777-4569 (phone)
(602) 272-4864 (fax)
www.incidetech.net

2.02 Materials

- A. Tuffkote LIBS™ -
 - Many color options available upon request
 - Apply at a minimum thickness.

PART 3- EXECUTION

3.01 INSPECTION

- A. The installing contractor shall examine all surfaces and report all unsatisfactory conditions in writing to the General Contractor and Architect. Substandard substrate conditions can include loose or uncured substrate, oil, scale or anything else that may impair proper bonding of Tuffkote LIBS™ to substrate. The work shall not proceed until unsatisfactory conditions are corrected.

3.02 PREPARATION

- A. Provide masking, drop cloths or other satisfactory coverings for all materials/surfaces which are not to receive Tuffkote LIBS™ to prevent damage from overspray.
- B. Coordinate installation of the sprayed cellulose fiber with work of other trades whose work may be affected or have an effect on the installation of the sprayed cellulose fiber.

3.03 INSTALLATION

- A. Install coating as per manufacturer's instructions.
- B. Apply coating at a steady, sufficient rate to obtain uniform coverage and required thickness. Multiple layers may be required depending on surface texture.