

FIRECRETE

Cementitious Fireproofing

PRODUCT DESCRIPTION

FIRECRETE is a lightweight, pre-blended, non-combustible cementitious fireproofing product designed to be spray-applied to steel structures such as steel beams, girders, joists, columns, steel decking and others. FIRECRETE is extremely stable and can be applied to most building materials because of its excellent adhesion to metal and concrete. Due to this advantage, the product is an excellent, simple, and inexpensive fire covering for steel and other substrates.

FIRECRETE conforms to ASTM test standards that were specifically developed to closely duplicate various strength or forces that may act upon the installed fireproofing during the construction and lifetime of the building. The thickness of FIRECRETE is determined by the duration of fire protection required or fire rating. The longer the fire rating requirement, a thicker FIRECRETE application is usually required.

Features of FIRECRETE include:

- Firerated at 1, 2, 3 & 4 hours
- Requires only the addition of clean water prior to mixing and spraying.
- Compatible with most paints
- Odorless and lightweight
- Offers a high standard physical performance.

USES & APPLICATIONS

The formulation of FIRECRETE provides a strong measure of protection from fire. Its unique chemical composition and physical characteristics enable it to exhibit a number of properties making FIRECRETE suitable for a wide range of application. The product

requires only the addition of clean water prior to mixing and spray application of water prior to mixing and spray application. The and spray application using special fireproofing mixers and pumps. Although for small-sized steel structures or for applications where using a spray equipment is not feasible due to limited space, FIRECRETE can be troweled to a semi-smooth finish.

INSTALLATION PROCEDURE

Preparation

1. All surfaces to receive fire protection shall be free of oil, grease, loose mill scale, dirt, paints / primers (other than those listed and tested) or other foreign materials which would impair satisfactory bonding to the surface. Any cleaning of surfaces to receive sprayed fire protection shall be the responsibility of the General Contractor or Steel Erector.
2. Clips, hangers, supports, sleeves and other attachments to the substrate are to be placed by others prior to the application of spray-applied fire resistive materials.
3. The installation of ducts, piping, conduit or other suspended equipment shall not take place until the application of sprayed fire protection is complete in an area.

Application

1. Equipment, mixing and application shall be in accordance with the manufacturer's written application instructions.
2. The application of spray-applied fire resistive material shall not commence until certification has been received by the General Contractor that surfaces to receive sprayed fire protection have been inspected by the applicator and are acceptable to receive sprayed fire protection.