

RHINOZ FireOff T-202

Fire Retardant Epoxy Top Coat 2K

RHINOZ



Description

RHINOZ FireOff T-202 is a two component epoxy coating developed as a premium quality, environmentally friendly with a surface coating/film that will exhibit outstanding water- and chemical-resistance, excellent resistance to acids, solvents, oils, and gasoline and a superior combination of impact, abrasion, and scuff-resistance. It is specifically designed for internal and external of buildings, tunnels, subways, bulkheads, engine rooms, etc. Offers matte finish with light reflective properties and fire retardant characteristics. Safe, user friendly and adaptable systems with very good UV resistance.

Application

Suitable for application in environments where solvents would be hazardous or have a detrimental effect upon the operating process or products. The coating can be applied to concrete, metal, wood, stone and ceramic surfaces, especially suits as a topcoat/sealer for fire protection. Recommended for civil engineering, public utilities, food processing, and clean-rooms.

Features

- Outstanding toughness
- Waterborne epoxy
- Class A fire retardant property tested according to ASTM E84
- Excellent flexibility
- Outstanding water and chemical resistance
- Excellent resistance to acids, solvents, oils and gasoline
- Superior combination of impact, abrasion and scuff-resistance

Technical Data

Chemical basis	A = Epoxy	B = Hardener
Non-volatile content (%)	A = 50	B = 60
Density (g/cm ³)	A = 1.0	B = 1.5
Density after mixed (g/cm ³)	1.2	
Mixing ratio (by wt.)	1 : 1	
Fire spreading rate index (ASTM E84)	15 (Class A)	
Adhesion (Cross cut 2x2 mm.)	Class 5B (area removed 0%)	
Impact (1 kg, cm.)	>50 (>4.9 Nm)	
Surface (touch) dry	30 minutes	
Dry to over coat, minimum	1 hour	
Dried/cured for service	7 d	
Theoretical coverage	8 - 10 sqm/kg. (wet film thickness 100 micron)	

RHINOZ FireOff T-202

Fire Retardant Epoxy Top Coat 2K

RHINOZ



Installation

1. Surface must be clean and dry, free of dust, oil, grease and other contaminates.
2. Apply recommended primer (find data in table below)
3. Stir RHINOZ FireOff B-111 thoroughly before and during application.
4. Apply 3-4 coats of RHINOZ FireOff B-111 by spray, brush, or roller and allow 1 hour dry time between coats.
5. Let it dry for 1-2 days before use and it shows high performance after 7 days.
6. Apply 1-2 coats of RHINOZ FireOff T-202 by spray, brush, or roller and allow 1 hour dry time between coats
7. Let it dry for 1-2 days before use and it shows high performance after 7 days.
8. Clean tools and equipment with water.

Storage

Store only in the original packaging in a location protected from moisture and direct sunlight, observe expiration date on package.

Availability

Packing Size : 1, 4, 20 kg.

Color : Various color, see color chart

Caution

This product is for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product.

Health and Safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.