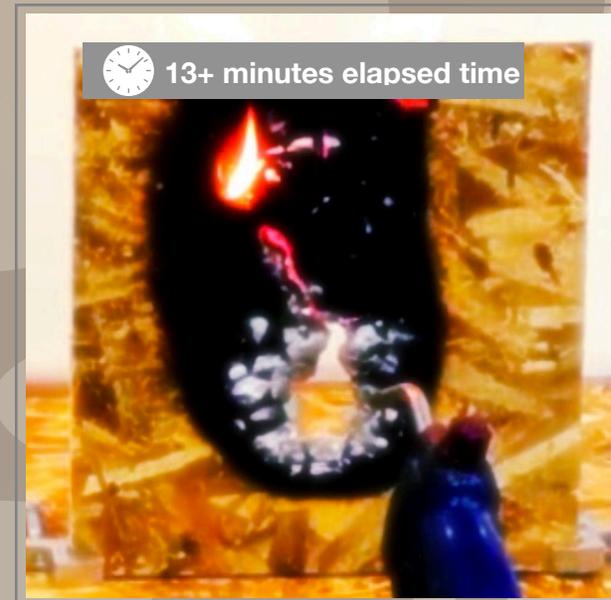
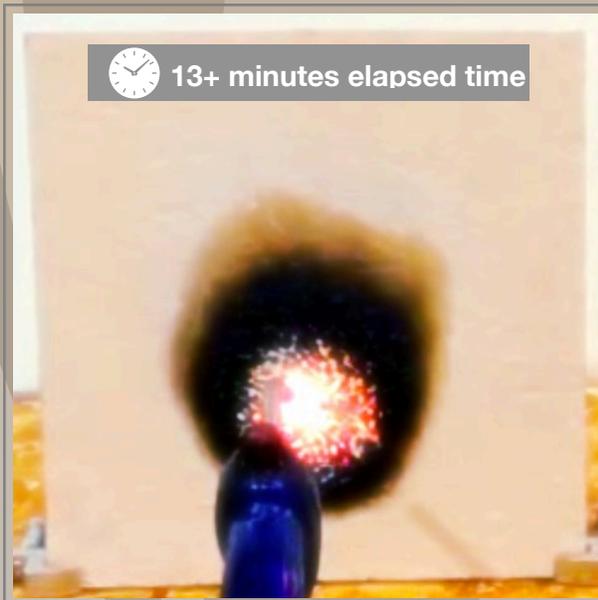
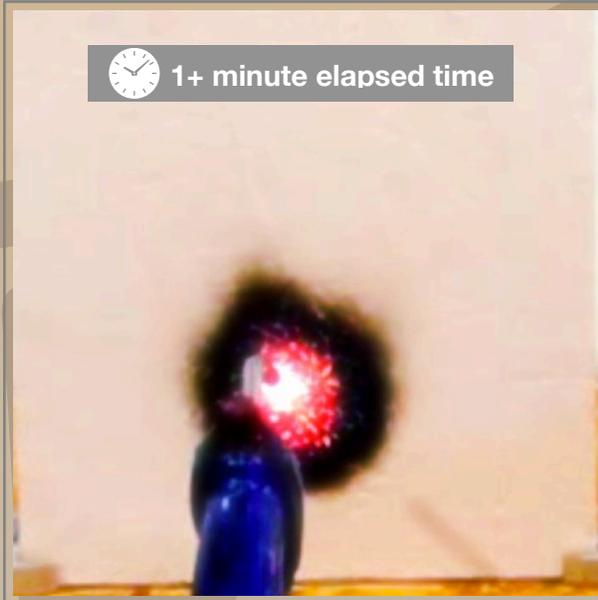




REXSHIELD

FIRE RETARDANT
PAINT
By: Rex Innovations Inc.



Fire Protection

RexShield is a water based fire protective paint. When exposed to flame, an intumescent reaction creates a foam that protects the wood from fire. Fire Resistance is one of the largest issues facing the building industry today. RexShield addresses the issue, as it contains specialized fire retardants designed to reduce the chance of fire starting and slowing down the burn if a fire does start. RexShield is 3rd Party Tested by Intertek Laboratories and is certified to use the ETL Marking. This mark reflects commitment to product safety, performance and consistent quality in manufacturing process. This mark also confirms our product will undergo periodic third party follow up inspections. Because we are committed to deliver top quality products.

RexShield

Technical Data Sheet

For more information please visit www.RexShield.ca

Where to use:

RexShield may be used on exterior wood sheathing, interior basement wood framed walls, kitchen and bathroom framed walls and basement subfloors.

Surface Preparation:

Surface of wood should be dry, clean and free of dirt, dust and debris prior to application.

Application:

Stir thoroughly before use. This product must not be diluted. Do not apply if temperature is below 5 celsius. RexShield may be brushed, rolled or sprayed. Apply using a nylon/polyester brush, 10-12 mm nap roller (depending on smoothness of surface) or an airless sprayer. Wear eye protection and chemical resistant gloves. If spraying, use respirator and adequate ventilation. I.e 1/2 mask with 6001 3M cartridges or equivalent filter.

Dry Time:

Drying time will depend on the thickness applied. At 50% relative humidity and 25 °C, RexShield will be dry to the touch in 1 hour when applied at 12 wet mils. Dry time will be longer in cooler temperatures and higher humidity.

Fire Resistance:

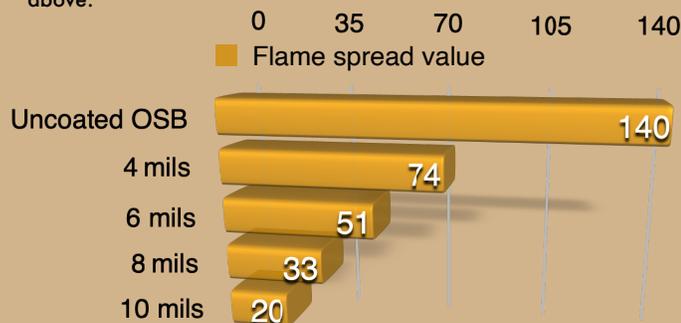
RexShield is a fire rated intumescent paint designed to reduce the spread of flame. When applied at 14 wet mils, RexShield has a CAN/ULC S102 flame spread rating of 5.

Material	Thickness	Flame Spread Value
Uncoated 4x8 3/8" fir plywood	0 wet mils	110
4x8 3/8" fir plywood	14 wet mils	5
4x8 3/8" OSB	14 wet mils	0

1 mil=.001 inches or .0254mm

When fire rated coating is required, thickness must be measured and verified using a wet mil gauge.

The degree of fire retardance obtained will depend on the spreading rate which the paint is applied ,as shown on the table above.



Typical Physical Properties

Color:	Pink
VOC:	<50 g/l
Coverage*:	114 sq. ft. Calculated coverage based on 14 mils wet
CAN/ULC S102:	Flame Spread <25
CAN/ULC S101 (Small Scale):	15 min. + Thermal Barrier
Dry time:	<1 hours to tack free
Unit/Volume:	1 Gallon pails and 5 Gallon pails
Viscosity:	300-700 cps with shear

Packaging, Storage, Shelf Life

Packaging:	RexShield is packaged in 1 and 5 gallon pails.
Weight:	1 gallon weight 4.5 kg Dia 6.625" H 7.81" 5 gallon weight 24 kg Dia 11.80" H 14.86"
Storage:	RexShield should be stored indoors in dry conditions between 10 °C and 40 °C, protect from frost and excessive heat
Shelf Life:	RexShield shelf life is 12 months in original unopened containers from the date of packaging stored in the conditions described above.

Product Features

- Water Based
- Low VOC
- Meets CAN/ULC S-102 criteria for a flame spread <25
- Meets CAN/ULC S-101 (small scale) 15+ Thermal Barrier
- Non-Halogenated
- Fast drying time
- Easy application and clean up with water
- Dry paint film is mildew resistant



Limited Warranty:

Rex Innovations Inc. Warrants that this product meets all manufacturing specifications and requirements as defined within Intertek quality assurance manual, report #5023394.

Rex Innovations Inc. will not be responsible for misuse of product or application. In the event that this product is defective in any way, Rex Innovations Inc. will replace the product free of Charge. The warranty provided by this label is the only warranty or guarantee being made.

Does RexShield Kill Mold?

RexShield will not kill existing mold. The dry paint film inhibits the growth of mildew.

Contact Us:

Ph: 403-462-2438
E-mail: info@RexShield.ca

Is RexShield Fireproof?

RexShield is a protective coating against fire. It delays the burn on the surface applied. It does not make a material fireproof.