ROFIRE RETARDANT WB

FIRE RETARDANT INTERIOR LATEX COATING

DESCRIPTION

Intumescing and fire-retardant paint that retards flame spread on combustible and non-combustible materials. Inhibits the spread of the flame, by forming a thick insulating crust, which hinders the combustion of materials.

INTENDED USES

* Interior new or maintenance work.

* Wood, wallboards, acoustical tiles, wall coverings, fresh plaster.

* Walls, ceilings, woodwork, doors.

* Residential and commercial buildings to which the public has access: schools, hospitals, offices, restaurants, bars, ‹stores, hotels, theatres, churches dance halls, reception rooms, arenas, clubs.

Notice: • Not to be used on floors.

ADVANTAGES:

* Ready for use and easy to apply.

* Hinders flame propagation on the surface and combustion of materials

* Applied as conventional paints.

* Will not lose its flame-retardant properties when washed or when exposed to humid conditions or heat.

SPECIFICATIONS

Underwriters Laboratories of Canada Inc. classified; CAN/ULC-S102 Coatings, Fire Retardant R17022.

STORAGE

Keep between 10°C (50°F) and 30°C (86°F) in a safe and well-ventilated place. Avoid freezing.

SURFACE PREPARATION

PROPER SURFACE PREPARATION IS IMPORTANT**.** Surfaces must be dry, clean and free from dust, dirt, oil, soot, wax, mildew, chalking, loose paint, or any other contaminants.
with a product related to the contaminant. Rinse well with clear water and let dry completely.
Mildew: Wash with a solution of household bleach (1 part of household bleach to 3 parts of water).
Grease & oil: Wash well with any cleaner or with a product related to the contaminant. Rinse well with clear water and let dry completely.
Bare wood: If wood exudes resin, scrape the excess and clean surface with alcohol or paint thinner.
Rough surfaces: Sand and then dust. Scratch or brush mortar spatters, loose particles and salt deposits.
Loose paint: Strip, scrape and remove any peeling or loose paint and sand to smooth edges.
Glossy areas: Sand glossy areas lightly to take the gloss off.
Repair cracks and holes and cracks with appropriate filler or with a joint compound adapted to surface to be repaired.

RECOMMENDED PRIMER (Follow the instructions specific to the products)

New or bare wood:	Seal knots and sap streaks with Rosealer W, before applying ROOTS primer-sealer and under coater Rotex 200.
Old alkyd finishes:	It is preferable to use "ROOTS" primer-sealer and under coater Rotex 200.
Old dry and powdery plaster:	It is preferable to use "ROOTS" alkyd primer-sealer and under coater Romatt.
New or bare ferrous metal (iron, steel):	Apply one coat of "ROOTS" Anti-rust metal primer.

RESTRICTIONS:

Do not apply directly over steel, iron or other metal.
Do not use for exterior work, as an undercoat or as a primer-sealer.
Drying will be slower at low temperature or in high humidity conditions. Do not mix with other paints or thinners.

APPLICATION CONDITIONS AND DIRECTIONS:

Ready for use. No dilution required. Stir thoroughly before using.
Application temperature: Product, air and surface temperatures must be at least 10°C to 30° C (50°to 86° F)
(ideal 20°C ± 5°C *68°F ± 9°F). Relative Humidity: Ideal between 15 and 55%; maximum 85%.
High humidity or low temperatures extend drying time. These conditions must remain constant during application, including the next 48 hours.
Application tools: Paintbrush: Synthetic bristles (nylon or polyester)
• Roller: Walls: 10 mm (3/8 in.) Ceilings: 13 mm (1/2 in.)
• * Spray (airless equipment) - Tip size: .013 or .019 in. – pressure: 2300 to 2700 psi. Always use
high quality equipment. * The recommended values may vary according to manufacturer's equipment.
Number of coats: Apply two (2) coats evenly and comply with product spreading rate. Let dry thoroughly before recoating.
Finish coat: If the appearance is not satisfactory; apply one or two thin coats with a 10 mm roller. Where a highly washable finish is required, can be overcoated with Rotex 200, platinum, pearl, melamine or semi-gloss finish.
NOTE: When overcoat with other paint, data about flame spread and smoke developed will be affected.
If you are not familiar with this product or its usage, you may obtain information upon request.

SURFACE MAINTENANCE

Let surfaces dry completely and wait at least 14 days before cleaning them. Use a non-abrasive cleaner and a soft cloth. If required, prime and touch-up bare areas, and apply one additional coat on the whole surface.

SAFETY MEASURES

Consult Material Safety Data Sheet. Keep out of reach of children. Keep containers closed when not in use.
Provide adequate ventilation during application and drying.

Precaution: Dry sanding, flame cutting and/or welding of dry paint film will give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

DISPOSAL: Consult your municipality in order to dispose of paint residues according to environmental regulations. Do not empty into drains.

TECHNICAL PRODUCT INFORMATION (21°C (70°F)

VOC **:** ASTM D3960-05: <25 g/L

DRYING TIME **:** 30 to 60 minutes (to touch);
1 to 2 hours (before recoating).

SOLIDS% **:** Volume: 47%;
Weight : 58%.

TOOL CLEAN-UP: Remove as much product as possible from application equipment before cleaning and clean tools in lukewarm soapy water immediately after use.

Note: The color may vary slightly from the chip. Addition of colorant can affect drying characteristics.

SPREADING RATE PER 3.78 LITRES (one gallon):

(Excluding losses caused by variations in application methods, surface porosity, or stirring methods.) From 13 to 14 square meters.

RECOMMENDED FILM THICKNESS

MINIMUM **: Wet:** 300 µ.
Dry : 150 µ.

GLOSS (60°) **:** 0 – 5%**.**

COMPOSITION: • Thinner: Water
• Binder : Polymer (latex)

Flame resistance rating: Testing was conducted in accordance with ASTM E84 "Floor/open ceiling assembly Fire test**.**

Time to Flame Through : 46 minutes 37 seconds.