



# DC360 Intumescent Coating



## Description

DC360 is a water based intumescent coating used to increase fire resistance ratings and reduce the flammability and smoke development of construction materials like OSB/Plywood, gypsum and lumber.

DC360 complies with IBC/IRC Building Codes and provides a Class "A" Interior Finish rating in accordance with ASTM E84.

DC360 has also been tested to provide a 30 minute rating to various combustible substrates in accordance with ASTM E84 (30 Minute), ASTM E2768 and meets the criteria of NFPA 703 Standard for Fire Retardant Impregnated Wood and Fire Retardant Coatings for Building Materials.

DC360 can be used to increase the fire resistance ratings of certain assemblies common in the built environment such as gypsum wall and floor assemblies.

Applied as a coating to interior surfaces, DC360 can be top-coated with desired finish latex paint to match décor.

## Specifications

- Finish:** Flat
- Packaging:** 5 Gallon Pails
- Color:** Off White
- V.O.C.:** <= 7g/l method EPA 24 Less Water
- Shelf Life:** 1 year when stored in unopened container as recommended

## Advantages

- Water Based Acrylic Latex
- Non-Toxic
- Hypoallergenic
- Non-Carcinogenic
- Passed Strict EPA – V.O.C. and AQMD
- Spray, Roll, or Brush
- Compatible with any interior paintable surface

### Tested To:

#### ASTM E84:

- 6 mils to Cement Board FS 0 SD 0
- 6 mils to OSB FS 25 SD 75
- 8 mils to OSB FS 20 SD 30
- 10 mils to Pine FS 5 SD 20

#### ASTM E2768 (30 minute E84)

- 14 mils to OSB FS 0 SD 20
- 14 mils to Pine FS 10 SD 60

#### ASTM E119-CAN/ULC S-101

- 15 mils to 3/8" OSB for 15 minutes
- 40 mils to 1/2" gypsum wall for 60 minutes
- 50 mils to 5/8" gypsum wall for 90 minutes
- 40 mils to 5/8" gypsum ceiling for 90 minutes
- 50 mils to 1/2" gypsum ceiling for 60 minutes