

Thermo-Sorb 263



A solvent based, intumescent coating certified up to four hours of fire protection.

PRODUCT DETAILS Thermo-Sorb 263 has been tested and certified at Underwriter's Laboratories (UL) to provide up to four hour cellulosic fire protection for interior structural steel in commercial and light industrial applications. This solvent based formula has high resistance to moisture and humidity in addition to offering a fiber free product for a high quality, smooth architectural finish. In addition, it provides high film build and showcases fast recoat times.

APPLICATIONS

COMMERCIAL BUILDINGS
AIRPORTS
SCHOOLS
HOSPITALS
RETAIL STORES
PHARMACEUTICAL PLANTS
MANUFACTURING PLANTS
LABORATORIES
MECHANICAL ROOMS
STORAGE ROOMS

FEATURES

- › Certified for up to a 4 hour cellulosic fire ratings (ASTM E119 / UL 263)
- › Low VOC formulation (149 g/L); meets LEED fireproofing requirement of 150 g/L
- › Fast recoat
- › Labor saving dry fall spray characteristics
- › High quality architectural finish
- › High resistance to moisture and humidity

Thermo-Sorb 263

Quality Product Backed by Quality Service

- › Carboline Company has been solving tough corrosion and fireproofing problems since 1947
- › Industrial service centers and sales offices located around the world
- › Over 20 worldwide manufacturing locations with a global network of sales and technical support
- › Industry leading field service and technical engineering support team
- › Certified to ISO 9001

Reasons to use Thermo-Sorb 263

| PERFORMANCE FEATURE | ADVANTAGE | BENEFIT |
|--------------------------------------|--|---|
| Excellent fire protection properties | Low thickness required | Material and labor savings |
| Solvent based formula | High resistance to moisture and humidity | Versatile application options for interior conditioned and interior general purpose space |
| Fast drying | Four hour recoat time | Time and labor savings |

Physical Properties of Thermo-Sorb 263

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| Application Rate | 70 mils per day |
| Density (ASTM E605) | 12.0 lbs/gal |
| Durometer Hardness (ASTM D2240) | Shore D 63 |
| Spread Rate | 1,222 ft ² @ 1 mil |
| VOC | 1.24 lbs/gal (149 g/L) |
| Adhesion/ Cohesion (ASTM D4541) | 650 psi |
| Abrasion Resistance (ASTM D4060) | 299 mg loss @ 1000 cycles |
| Impact Resistance (ASTM D2794) | 44 in-lbs |
| Surface Burning Characteristics (ASTM E84) | Class A |



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