

Location:

San Francisco, CA

Market:

Fireproofing - Commercial (USA)

Substrate:

Steel

Surface Prep:

SSPC-SP 6 (Commercial Blast)

Exposure:

Physically Aggressive or Abrasive

Gallons:

3500.0

California Academy of Sciences (Interior area)

Area Coated: Interior Area of Building

- First Coat: A/D Firefilm III

Project Description:

Two and three hour on beams and three hour on columns

Coating Selection Explanation:

Beams and columns. This was a difficult project due to the fast track schedule and time of year A/D Firefilm III was applied. At time of application a.m. fog was typical along with cool temp. Temporary artificial interior environment was provided (i.e. plastic building enclosures, dehumidification equipment, and heat).

Additional Information:

Total building value: \$500 million

Total building area 400,000 SF

Project Description:

The new Academy is a single structure but contains multiple venues, including the aquarium, the planetarium, the natural history museum and the 4-story rainforest. In addition, there's a new 3D theater, a lecture hall, a Naturalist Center, two restaurants, an adjacent garden and aviary, a roof terrace, and an Academy store.

The new building also houses the Academy science labs and administrative offices, including an extensive library and scientific archive consisting of more than 20 million specimens.

A/D Firefilm III met the Architects expectations, such as:

1. A/D Firefilm III fell well within the LEEDS requirements.
2. Smooth painted appearance
3. Two and three hour ratings
3. Cost effective

At design phase was able to show Architect the benefits of designing restrained beam / floor assemblies. Typical A/D Firefilm III thickness on beams, were 45 mils for two hour and 81 mils for three hours. No other manufacturer's thin-film intumescent is remotely close.

Worked with Architect to write specifications to prequalify applicators with the proper credentials, job history of similar size and scope, etc.... The high quality finish appearance of A/D Firefilm III on this project proves what a quality applicator is capable of doing.

Project web site: <http://www.calacademy.org>

