

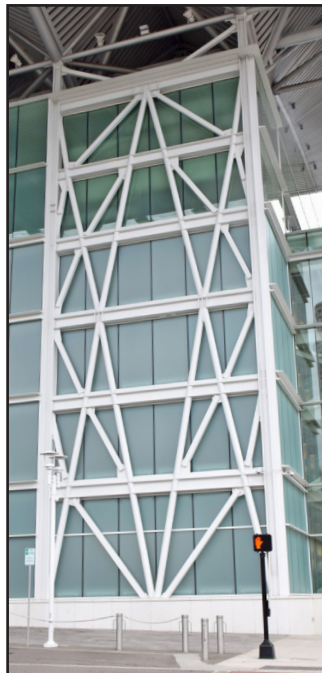
Dr. Phillips Center for the Performing Arts, Orlando, FL



Dr. Phillips Center for the Performing Arts (DPAC) is a non-profit and public-private collaboration venue where three thousand tons of fabricated structural steel was ordered for the framing of this project, which also features a pipe-truss canopy. Florida-based Alpha Insulation and Waterproofing partnered with Isolatek International, the leading single-source global supplier of Applied Fireproofing, Intumescent Fireproofing, and Rigid Board Fireproofing, to contribute to the success of Dr. Phillips Center for the Performing Arts 330,000-square-foot building.



HKS Architects Inc. designed the \$500 million project to have two different phases, the first phase of construction included towering glass windows framed by exposed structural steel and rows of doors which give way to an expansive open atrium. The grand staircase leads to five different levels with a lobby on each floor which guides you into the two theaters. The Alexis & Jim Pugh Theater consists of 300 seats, some of which are movable. The theater's most fascinating feature design is the stage and seating behind it, which slides forward on giant metal tracks, making the hall transform from a theater to a ballroom in minutes.



CAFCO[®] SprayFilm[®] WB 3 / ISOLATEK[®] Type WB 3 and CAFCO SprayFilm WB 4 / ISOLATEK Type WB 4 thin film water-based Intumescent coatings provided the designers the choice to showcase exposed structural steel. CAFCO SprayFilm WB 3 / ISOLATEK Type WB 3 is remarkably resilient by way of its hardness, impact resistance, and abrasion resistance. CAFCO SprayFilm WB 4 / ISOLATEK Type WB 4 is "UL investigated for Exterior Use," and both products provide a "Protected" Floor Assembly rating (UL Design No. D601). The elaborate staircase support areas were comprised of structural steel that was visible and had to exhibit a smooth, aesthetically pleasing and durable finish, along with the required fire protection. Both products are also easy to apply and clean up. CAFCO SprayFilm WB 3 / ISOLATEK Type WB 3 and CAFCO SprayFilm WB 4 / ISOLATEK Type WB 4 low VOC formulation contributes towards LEED certification.

The structural steel columns and steel beams are protected with Isolatek International's CAFCO 300 / ISOLATEK Type 300 and CAFCO 400 / ISOLATEK Type 400. CAFCO 300 / ISOLATEK Type 300 is a gypsum-based formulation that offers the most cost-effective fire resistance performance per unit thickness of any commercial

SFRM in the world. The advantages of CAFCO 300 / ISOLATEK Type 300 results in reduced installed costs and providing industry-leading physical performance and application efficiencies that are unequaled. CAFCO 400 / ISOLATEK Type 400, a Portland cement based formulation, offers protection in virtually any environment where a medium density material is specified and provides exceptional resistance to limited impact and abrasion resistance forces. Both CAFCO 300 / ISOLATEK Type 300 and CAFCO 400 / ISOLATEK Type 400 provide up to 4-hour fire resistance ratings in accordance with ASTM E119/UL263.

The second phase includes a 1,700-seat acoustic Steinmetz Hall, a three-tier acoustical hall, a Green Room, a 9,000-square-foot gathering space for performers and guests and other backstage operations space. It will also include a banquet hall, a School of Arts, two theaters, a 2,700-seat amplified stage for Broadway-style productions, and a 300-seat community theater, along with a large outdoor arts plaza. This complex is not only a theater but also a place where people of all ages can explore and learn about the arts. Isolatek International's fireproofing materials that were applied on phase one will be sprayed during the construction of the second phase.



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Brand

ISOLATEK INTERNATIONAL® provides passive fireproofing materials under the CAFCO® and FENDOLITE® trademark throughout the Americas and under the ISOLATEK® trademark throughout the world.

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