



National Museum of the American Indian

Washington, D.C.

clever. creative. comfort.

Client - Smithsonian

Representative Office - H & B Products, Inc

Architects - Douglas Cardinal Architects / GBQC Architects

LEED Certification - LEED Silver Certification



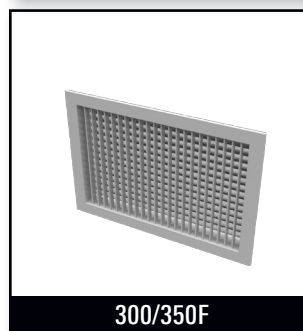
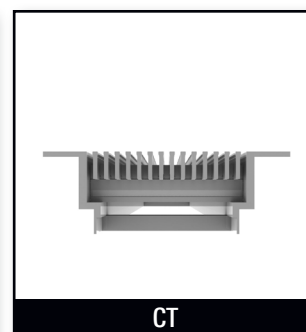
ABOUT THE PROJECT

The Smithsonian's National Museum of the American Indian on the National Mall opened in September 2004. Several years in the making, it is the first national museum in the United States dedicated exclusively to the Native American heritage. The building is five-stories tall and is 250,000 square-feet. Immediately noticeable are the abundance of curves the building consists of. This curvilinear form is constructed of a golden-colored Kasota limestone that is designed to evoke natural rock formations that have been shaped by wind and water over thousands of years.

The museum is set on a 4.25-acre site and is surrounded by simulated wetlands. The National Museum's east-facing entrance, its prism window and its 120-foot-high space for contemporary Native performances are direct results of extensive consultations with Native Americans. Similar to the Heye Center in Lower Manhattan, the museum offers a range of exhibitions, film and video screenings, school group programs, public programs and living culture presentations throughout the year.

THE TITUS SOLUTION

Providing air distribution solutions is nothing new for Titus, we have a



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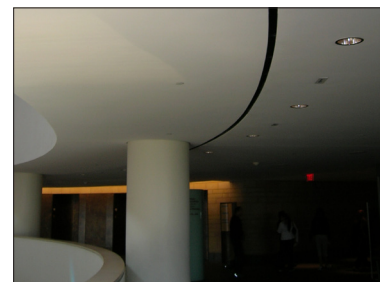


rich history of proven success. The curved form of the building meant traditional ceiling diffusers would not work, but that an alternative would be needed - the FlowBar.

Titus FlowBar is an architectural linear diffuser system that maximizes engineering performance without sacrificing aesthetic considerations for the designer. Its outstanding performance allows higher airflows than conventional linear diffuser systems. The wide array of slot widths that are available allow for more CFM per linear foot while minimizing noise and pressure loss. The Flowbar system is available in continuous linear, incremental linear and square configurations.

FlowBar also provides an installation alternative to the conventional linear diffuser. Conventional linear diffusers are supported by the duct system and in most cases are installed after the ceiling system is in place. For complete ceiling integration, the FlowBar system is offered with a large selection of flange styles compatible with various ceiling applications. Our unique clip/hanger support system allows for quick and easy installations. The system actually supports and becomes an integral part of the ceiling system and is installed along with the ceiling suspension system. This entire series of diffusers is available with two unique pattern controllers.

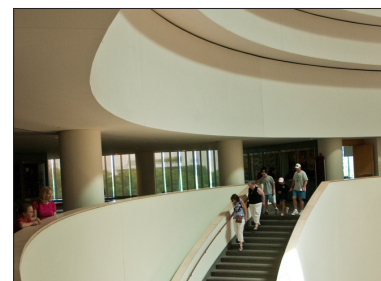
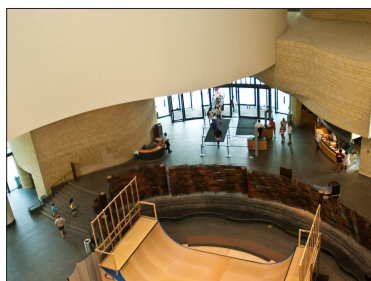
Other Titus products that can be found throughout the museum are the CT linear bar diffuser, the 300/350F grille and the TDC-AA diffuser. These additional GRD products do a great job of complementing the FlowBar system while providing superior performance for the facility.





THE END RESULT

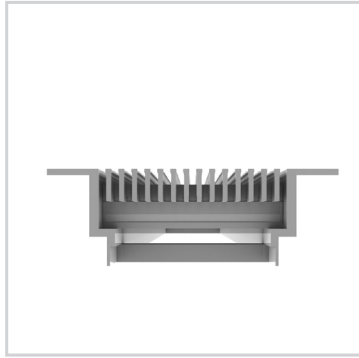
The National Museum of the American Indian is an environmentally friendly building that was designed to express the spirit of the Native American people inside and out. Positioned close to nature and having a form that represents wind, this living museum is a true testament to the culture and heritage of the Native American people and a place that many generations of all races can learn about this unique culture.



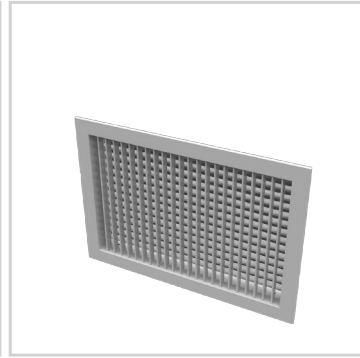
Titus Products List



FlowBar



CT



300/350F



TDC-AA

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