



FONTAINEBLEAU HIGH SCHOOL METAL ROOF COATING SOLUTION



Fontainebleau High School, located in the heart of St. Tammany Parish, was opened in 1994 with 775 ninth and tenth grade students. Fontainebleau presently serves a student population of 1950 and is ranked as a top Louisiana public school when compared with schools of equivalent size.

In 2014, the school district was looking for different options than the acrylic roof coatings they had been using on Fontainebleau High School's 100,000 square feet of factory-coated metal roofs. The design team, consisting of

architects from KVS Architecture and Sizeler, Thompson, Brown Architects, reached out to NEOGARD, a leader in urethane coating technologies, for a coating solution.

Elasta-Gard M Aliphatic, NEOGARD's high performance, seamless, lightweight and sustainable coating was selected to protect, preserve and extend the life of the school's extensive metal roofs.

NEOGARD's single-component solution delivered an easy application process, allowing

the design team to meet the project's demanding time constraints while the topcoat's greater tensile strength provided better weather resistance and durability than experienced with previous coatings.

Fontainebleau High School's mission is to provide their students, "with the ability and tools necessary to function successfully in an advancing society," and NEOGARD is proud to play a part by providing a metal roof coating solution to protect the buildings that foster that mission.

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ARCHITECTS

KVS Architecture
Phone: 985-674-3077

Sizeler, Thompson,
Brown Architects
Phone: 504-523-6472

APPLICATOR

Paramount Waterproofing Solutions
www.waterproofingnola.com
Phone: 504-723-4112

METAL ROOF COATING

System
ElastaGard M Aliphatic

TOTAL SQUARE FEET

100,000 sf

APPLICATION

The design team and applicators were faced with the short time frame of 60 days to complete phase two of the 100,000 square foot job while also having to work around summer events held at the school.

Coupled with frequent afternoon thunderstorms and dew in the mornings, the contractor was also challenged with moisture concerns throughout the project.

Paramount Waterproofing Solutions utilized 8500 Biodegradable cleaner to properly

prepare the metal substrate; seams were detailed with urethane and TieTex fabric and all fastener heads detailed with urethane sealant.

NEOGARD's 33014/99951 Ureprime primer was applied and followed with a base coat of 70630 urethane. A topcoat of 7490 aliphatic urethane completed the system and adhesion tests were performed throughout the jobsite to confirm integrity of the coating application.



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