

TuffWrap[®] Installations Projects INDUSTRIAL & COMMERCIAL



Coliseum Specialized Reroofing Project

OVERVIEW

TuffWrap[®] Installations helped the Ector County Coliseum, a hockey rink, keep open and operational during the minor league season and additional events. The coliseum was undergoing a reroofing project, and it needed to protect its facility promptly. TuffWrap[®] Installations provided netting and SmartSeam[®] Suspended Cover guard against the potential hazards of falling debris.

CHALLENGE

The primary focus of the Coliseum reroofing project was to prevent pieces of roof decking from falling into the Coliseum while the facility remained operational. In addition, installation work needed to be completed within a tight two week schedule, which made coordination extremely important to the project's success. In order to protect all aspects of the facility several key concerns needed to be addressed.

- Create safe access points for the lifts
- Ensure heavier pieces of debris were captured
- Protect specialized areas where people need to work near the ceiling
- Find a way to allow airflow to continue above the catwalks

SOLUTION

TuffWrap created a Total Enclosure Solution that incorporated C.O.R.E. Frameless Walls[®] and SmartSeam[®] Suspended Cover. To make the walls retractable, an electric winch pulley system was built, allowing the client to pulley the walls up via remote control. To provide stability when the walls were closed, piping and a removable floor anchor system were fitted at the bottom of the walls. Cables

INDUSTRY

Industrial & Commercial

LOCATION

Odessa, TX

CLIENT(S)

Texas Roof Management, Inc.

Ector County Coliseum

SOLUTION

SmartSeam[®] Suspended Cover & Netting

SIZE

63,000 sq. ft.

DURATION

6 months



distinguished the top of the walls when they were open. Each of the three walls could be opened and closed individually, and no impediments to the floor meant the client had an accessible way to transport products and equipment with ease.

Throughout the process, coordination and communication were made a priority. All of the work was organized according to the facility's schedule. The project began with the facility having to take apart a portion of the end of the hockey rink in order to provide access for the lifts. To drive on the ice, it had to remain rough during working hours, so the Zamboni schedule had to be altered.

In order to capture the larger chunks of the roofing panel, TuffWrap installed netting as a first layer of defense. In situations where there is the potential for heavy debris to fall, the netting provides additional strength to the overall solution. After the netting was in place, then SmartSeam® Suspended Cover was installed to protect the facility from dust and debris. SmartSeam® has a heat-reactive seam, an advanced technology engineered by TuffWrap. It is 100% code compliant, Classified by UL to 723S for installation beneath sprinkler systems, and meets NFPA 13 standards.

Installing the suspended cover at the standard sight line would not allow the camera and spotlight team to access their equipment in the ceiling. Specialized tunnels were designed and installed in order to provide entry/exit points for employees while protecting the six locations where there were camera and spotlight platforms. In addition, TuffWrap created specialized air baffles to maintain normal airflow above the catwalk

CONCLUSION

The TuffWrap team coordination and experience addressed the Coliseum's key concerns within the timeframe provided. In addition, during complex and unusual situations, such as creating the air baffles and designing specialty tunnels, the team utilized the required products to protect the facility safely and possessed the skills to implement a well-coordinated custom containment. The solution effectively protected the facility, which, in turn, made the reroofing project less impactful to the Coliseum's schedules and patrons.

INNOVATIVE TUFFWRAP INSTALLATIONS PRODUCTS

SmartSeam® Suspended Cover • C.O.R.E. Frameless Walls® • TuffWrap® Hybrid Walls • TuffWrap EXT® Exterior Protection
TuffWrap® Total Enclosure Solution • HSDR (High Structured Dust Removal) • TuffWrap® Functional Construction Doors

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TuffWrap® Installations is the North American leader in dust, debris, and construction containment solutions, keeping facilities operational while providing innovative protection during re-roofing, renovation, and reconstruction projects.

