

CLIENT:

Confidential

REGIONAL SALES**MANAGER:**

Randy Greenberg

PROJECT MANAGER:

Larry Kemp

PROJECT SIZE:

256 lf of walls

5000 sq. ft. of Suspended Cover

DURATION:

Dependent upon project

PROJECT OVERVIEW:

TuffWrap Installations, Inc. created a hybrid of three solutions so that its client could maneuver products in and out of an enclosure without obstacles on the warehouse floor. This custom application met all of the client's needs.

THE CHALLENGE

A large aerospace manufacturing facility challenged TuffWrap when it requested an enclosure solution with walls that could automatically open and close. Typically, TuffWrap is mechanically attached to the floor, but this would have created difficulty when maneuvering the client's very large crane (with the capacity to carry 300 tons of products) in and out of the enclosure. In addition, the client was concerned about the ceiling of the enclosure impeding the sprinkler system. TuffWrap's main purpose was to adhere to all of these needs while also protecting products and equipment from the dust produced by the addition the client was constructing.

THE SOLUTION

To resolve every concern, TuffWrap installed a Total Enclosure solution that incorporated a C.O.R.E. Frameless Wall and Suspended Cover's SmartSeam material. The C.O.R.E. Frameless Walls® of the Total Enclosure were retractable due to an electric winch pulley system that TuffWrap built, allowing the client to pulley the walls up via remote control. Piping and a removable floor anchor system at the bottom of the walls provided stability when they were closed and cables 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.

The Suspended Cover, or ceiling portion of the Total Enclosure, was assembled using TuffWrap's newest product, SmartSeam®, which is Classified by UL to 723S for installation below fire sprinklers. Its signature heat-reactive seam opens in case of fire, enabling proper function of the sprinklers. The client's equipment and products were therefore protected by a fire-safe dust and debris containment solution.

WHY TUFFWRAP


An engineering and architectural design firm recruited TuffWrap's help on this project because they had witnessed the success of C.O.R.E. Frameless Walls at another facility and were very impressed. Following that encounter, the firm utilized TuffWrap's walls on one of their projects, which was also successful and lead them to choose TuffWrap for future projects, including this one.

The reputation of inventing new ways to install interior protection is one that TuffWrap has been known for since its inception. The design firm was well aware of this talent and knew TuffWrap could find a solution for this



unique challenge, which is another reason they sought the help of TuffWrap immediately.

CONCLUSION

Custom applications are often applied when modifications to our solutions is needed, or a variety of our solutions are utilized. In this case, the client requested a multifunctional containment, and utilizing several TuffWrap solutions was the best way to achieve that containment, yet still be accessible to equipment, products, and personnel. TuffWrap proved during this project—once again— that they are the most innovative interior protection company, providing dynamic solutions for any project requiring dust and debris containment. 

Suspended Cover



(Left)

The back wall depicts TuffWrap's C.O.R.E. Frameless Wall with the custom filtration paneling.



(Left)

TuffWrap's C.O.R.E. Frameless Wall separates construction from production.

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