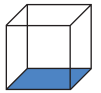


Consolidated Carpet Case Study: Takiron Wall Panel System



**Consolidated
Specialty
Surfaces**

A division of Consolidated
Carpet

Challenge

Healthcare and pharmaceutical facilities require high levels of cleanability and durability in their environments that are hard to find in commercial surfaces. Additionally, many of the world's major pharmaceutical manufacturers are insured by FM Global, requiring them to adhere to much higher standards than average commercial facilities. FM-insured companies are also subject to testing by the company to certify that building materials meet the highest requirements for cleanliness and strength.

A major New Jersey-based pharmaceutical company insured by FM Global contracted with Consolidated Carpet to supply and install specialty surfaces for a clean room. Clean room applications are held to the most stringent industry regulations of cleanliness to reduce the infiltration of microbes, which can prove dangerous and costly.

Solution

Consolidated partnered with Takiron Industries to both distribute and install the Takiron "IVY-ONE" wall panel system throughout the clean room. As the only FM-rated wall panel system in the world, "IVY-ONE" is an engineered, layered CPVC panel providing a seamless surface that is able to withstand corrosive cleaning agents and constant wear. "IVY-ONE" conforms to additional critical requirements because it is fire retardant and permits cleaning and sterilization with chemical solutions at frequent intervals.

Value Created

Takiron "IVY-ONE" is the first surface material that conforms to FM4882 standards for flammability test protocols and fire ratings. FM4882 is applied to clean rooms in pharmaceutical and food processing plants to suppress the spread of fire and minimize possible damage from smoke generation. Unlike other PVC panels, "IVY-ONE" creates an exceptionally durable surface that produces less smoke during combustion. Additionally, its seamless surface eliminates gaps at corners that easily become dirt and bacteria traps.

Consolidated created an environment that not only met the industry's stringent safety protocols, but also exceeded durability and cleanability requirements. In addition, Consolidated utilized high-performance materials to craft a complete solution for the facility, creating a space that would stand up against heavy use and cleaning.

For more information about Consolidated Carpet, please visit www.consolidatedcarpet.com.



Manhattan

45 West 25th Street
8th Floor
New York, NY 10010
T: 212.226.4600
F: 212.226.4644

New Jersey

455 Washington Avenue
Carlstadt, NJ 07072
T: 201.806.1400
F: 201.896.2755