

The background of the entire page is a photograph of a modern healthcare building. The building's facade is primarily composed of large, rectangular panels in a vibrant blue color, which are likely the wall cladding solutions being advertised. The building has a curved, multi-story structure. In the foreground, there are some lower-level structures and what appears to be a parking area with a few cars. The sky is a clear, light blue.

Wall Cladding Solutions in Healthcare Applications

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Issue

Asian Heart Institute was looking for healthcare solutions to create sterile environment with applications ranging from operation theatre wall cladding to wash counters for its world class cardiac care facility in Mumbai.

Challenge

The designers from Edifice, Mumbai were looking for versatile and hygienic solid surfaces for applications such as operation theatre wall cladding with stress on safety and comfort of patients at the Asian Heart Institute. Integrating latest technological advances and ethical practices for the cardiac care facility without compromising on modern healthcare designs was of utmost importance.

Solution

Dupont™ Corian® solid surface was chosen for the complex task of employing healthcare design applications on the surface area of 11000 sq.ft to create sterile environment with applications ranging from wall cladding to wash counters. Corian® surface was an ideal material because of its unique attributes. Since DuPont™ Corian® is non-porous, there are no micro cavities to harbour pathogens and thus it inhibits bacterial growth in the wall cladding solutions making it perfect for healthcare applications.

Benefit

DuPont™ Corian® solid surfaces is an obvious choice for healthcare applications because of its stain resistant abilities, it can be joined together seamlessly – dirt or body fluid cannot adhere to the exposed areas and low level of contamination can be easily cleaned away. Independent laboratory tests indicate that DuPont™ Corian® will not promote the growth of fungi, mildew and bacteria such as staph or other germs. There is virtually no off gassing from DuPont™ Corian® at room temperature making it the perfect material for designers to create a hygienic environment without compromising on the architectural aesthetics.

