Yachthouse Residence Club | Balneário Camboriú, Brazil

SSG4600 ULTRAGLAZE® SEALANT USED IN THE TALLEST BUILDING IN BRAZIL

Structural glazing for powerful performance.

Structural Silicone Glazing for the Tallest Building in Brazil

The Yachthouse Residence Club, designed by Pininfarina and constructed by Pasqualotto, is located in Balneário Camboriú, Brazil. With a height of 280 m / 919 ft, 81 stories, and with 30,000 m² of curtain wall, this measures to be the tallest building in Brazil.

Pininfarina, based in Turin, Italy, is a famous global designer of high-end luxury cars, such as Ferrari, Alfa Romeo, Maserati, Volvo, BMW, Fiat, etc., and they also work internationally in the fields of interior design and architecture.

Structural silicone glazing provides the ability to safely use adhesively bonded glass as a means to construct a curtainwall. To construct the Yachthouse’s curtain wall, the building contractors chose to use SSG4600 UltraGlaze® sealant, which provides maximum design flexibility, exceptional performance and is primerless, making the process faster and safer.

*SSG4600 UltraGlaze® is a trademark of Momentive Performance Materials Inc.
The Power of Structural Silicone Glazing

Structural Silicone Glazing is a process where silicone—not metal hardware—is used to attach façade panels such as glass or other composites to a building’s frame. This allows architects to erect ever-more-impressive and complex buildings and structures, soaring to unprecedented heights and accomplishing a variety of shapes and angles.

With excellent strength and tear resistance, SSG4600 offers enhanced safety and weatherproofing capabilities and is an excellent candidate for structural glazing applications.

The unique properties of silicone provide SSG4600 an array of benefits, including:

- Quick Adhesion
- Primerless Application
- Low Temperature Flexibility
- High Temperature Stability
- UV Stability
- Seismic-Capable Flexibility
- Durability (endures high wind)
- Overall Savings on Project Costs

Another product used in the YachtHouse Residence Club is SCS2900, a high performance silicone used in window sealing, in ACM, and at the joints of the glass curtain facades. This product provides high resistance to UV radiation and extreme weather, and remains permanently flexible with a ±50% movement capacity.

A History of Excellent Performance

GE Silicones Structural Silicone Glazing sealants have evolved from a history of excellent performance on complex and unique building structures around the globe.

GE Silicones products are also present in other imposing Brazilian enterprises, such as the Museum of Tomorrow (Museu do Amanhã) and the Hotel Nacional in Rio de Janeiro, Mané Garrincha Stadium in Brasília, and at the São Paulo Corporate Towers complex and JK Iguatemi complex in São Paulo, one of the largest commercial enterprises in Latin America.