

## Case Study

# Tate Museum selects Gilgen curved sliding doors

GDUK Door Solutions, has supplied and installed an elegant curved sliding door at Tate St Ives, as part of the refurbishment of the main entrance.

Working with London based Evans and Shalev Architects and the gallery, GDUK supplied a curved sliding door together with an internal single sliding door. The specification required a practical door solution which not only allowed exceptional pedestrian throughput, but would also blend seamlessly with the existing elegant curved facade and upper level architectural glass features of the building. Additionally the outer doors were required to withstand hurricane force Atlantic winds and the affects of salt water. GDUK recommended an external curved sliding door and an internal single sliding door to replace the existing swing doors to fully meet the criteria.

The bespoke curved sliding door was manufactured to fit the building facade and installed to enclose the the existing porch area of the entrance. The striking, 3m x 3m all glass, convex curved sliding door has a radius of 6.3m and clear width of 3.2m enabling visitors to pass through with ease. GDUK also recommended laminated glass and a marine paint finish to withstand the affects of the weather and salt water and installed a special Y designed tracking system to enable the stone paving to be laid right up to the doors. The existing swing doors have been replaced with a single sliding door. This door also maximises the clear walk through area of the doorway and provides a comfortable inner entrance for visitors. Both installations fully meet EN16005 regulations and requirements under the Equality act.

The Gilgen SRM curved sliding door is available in either convex or concave configuration with radius to meet any specification. They can be supplied in full or half circle configurations and the self supporting steel structure guarantees seamless integration into existing architecture. Safety features include auto-reverse and safety stopping mechanisms and fail safe functions open the door in the event of an emergency making it suitable for escape routes. The SRM system is technologically advanced ensuring safety, reliability and practicality.

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## Project Summary

Industry:  
Museum / Gallery

Requirement:  
**Solution to integrate with building design and provide improved access**

Products:  
**SRM Curved Sliding Doors**  
**SL35 Bi-parting Sliding Doors**

Quantity:  
**One of each door system**



**GDUK**  
DOOR SOLUTIONS