

Quality Bond™ - Quality and Reliability in Silicone Structural Glazing

Silicone bonding and sealing technologies such as Structural Glazing (SG) provide architects with virtually unlimited freedom in the planning and creation of modern construction projects. Performance and reliability are the key criteria when choosing bonding and sealing compound solutions for structural glazing, insulation glazing, weather resistant sealing and fire protection applications. In numerous prestigious projects worldwide, silicone products from Dow Corning have met these key demands - starting with the Guggenheim Museum in Bilbao, the PETRONAS Towers in Kuala Lumpur to the Statue of Liberty in New York, the Old Trafford Stadium of Manchester United in Great Britain or the Sony Center in Berlin at the Potsdamer Platz as well as the International House of Music in Moscow.

Dow Corning® Quality Bond

Dow Corning® Quality Bond is a new support initiative for project partners on the planning level including architects, façade consultants and system providers, and also for manufacturers of Structural Glazing and insulation glass using Dow Corning Silicones. *“Market research has shown that architects and builders prefer Structural Glazing technology, however, they often have concerns regarding its application and technical complexity”,* says Axel Giesecke / Manager of the Market Segment Constructive Glass Construction and Façade in Dow Corning, Europe. *“With the “Quality Bond” certificate, Dow Corning offers leading manufacturers, processors and users a tight knit partnership with the aim of reaching a high processing quality and the application of ideal methods.”* The know-how transfer concept of Quality Bond™ ensures the controllability of technical complexity from planning to building inspection support right through to execution.

What specifically does Quality Bond™ offer?

This program consists of several different elements which incorporate project partners on planning and execution levels alike. Quality Bond™ also offers training programs, inspections and quality management systems, which in combination with qualitative high performance products, guarantee the highest standards in quality and reliability for specialist operations and for builders, and meet the multifaceted requirements of implementing demanding design and construction projects. The Quality Bond™ know-how transfer concept provides project partners with access to Dow Corning’s worldwide esteemed technical know-how which includes a wide range of services to allow you to implement your project smoothly and successfully according to a strict quality management system. Laboratory tests on the respective base materials (substrates) for inspecting long-term stable bonding properties and material compatibility allow Dow Corning to make reliable recommendations in view of product use and processing. The review of drawings and of statistical calculations of bonding joints and weather resistant seals, as well as project checks, training and production audits, will together result in a standardized or user defined service package representing a blueprint in the industry. Additionally, you can be assured that the operations and technicians belonging to the Dow Corning Quality Bond™ program must comply with strict conformity regulations in terms of manufacturing and quality management methods. Projects processed under the “Quality Bond”™ seal of approval are consistently furnished with excellent warranty approvals.

Special Benefits of Quality Bond™

Quality Bond™ guarantees contractors that members and project partners will meet the highest standards in the realms of product reliability and durability. The program also serves to enhance the know-how transfer and exchange of information between Dow Corning, its partners and its contractors thus helping to ensure a smooth project flow from conception and planning through to building authority support all the way to implementation.

For more information about Quality Bond™

If you would like to know more about the Dow Corning Quality Bond™ program, please visit our internet page at www.qualitybond.com or e-mail us at construction.marketing@dowcorning.com.