



SIKA AT WORK

THREE SIXTY NEW CAIRO PROJECT

INDUSTRY : SIKASIL® SG-500 CN , SIKASIL® WS-305 S

BUILDING TRUST



THREE SIXTY NEW CAIRO PROJECT

Project Description:

- Three Sixty by LMD is a cutting-edge mixed-use development in New Cairo, offering a seamless blend of commercial, retail, and lifestyle spaces. The project is distinguished by its sleek glass façade, which provides a modern, transparent aesthetic, allowing for natural light to permeate the interiors while offering panoramic views of the surrounding area.

Project Requirements:

- For the Three Sixty LMD project in New Cairo, the weather sealant and structural glazing are critical components that ensure the durability and performance of the glass façade. The chosen weather sealant should be a silicone-based, neutral cure type, offering excellent durability, flexibility, and resistance to UV exposure, extreme temperatures, and water infiltration. Proper application is essential, including well-designed joints, thorough surface preparation, and allowing sufficient curing time to achieve optimal performance. The structural glazing system, whether two-sided or four-sided, must provide strong adhesion and withstand building movements while ensuring weatherproofing. Additionally, all materials and installation methods must comply with local and international building codes to guarantee structural integrity and safety.



Sika Solution:

-Sika Egypt was selected to provide both the weather sealant and structural glazing solutions to meet the project's stringent requirements. The weather sealant used was Sikasil® WS-305 S, a silicone-based, neutral cure sealant known for its durability, flexibility, and resistance to UV exposure, extreme temperatures, and water infiltration. This sealant was well applied by Amaco with precise joint design and surface preparation, ensuring it provided optimal performance.

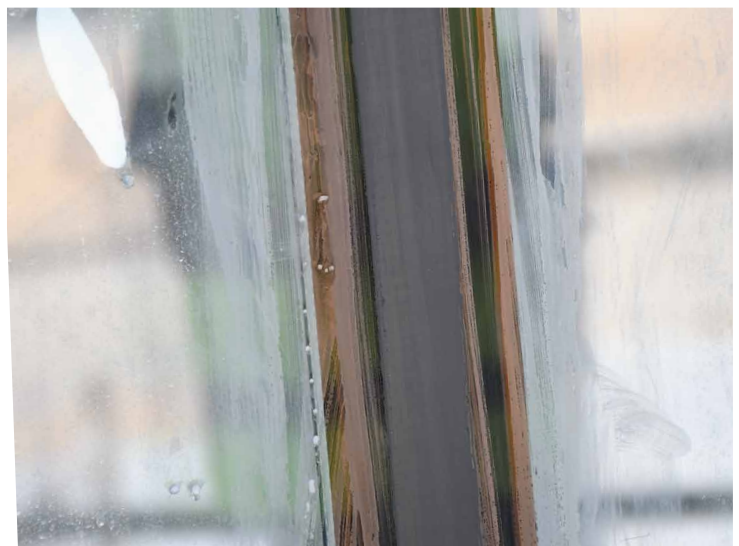
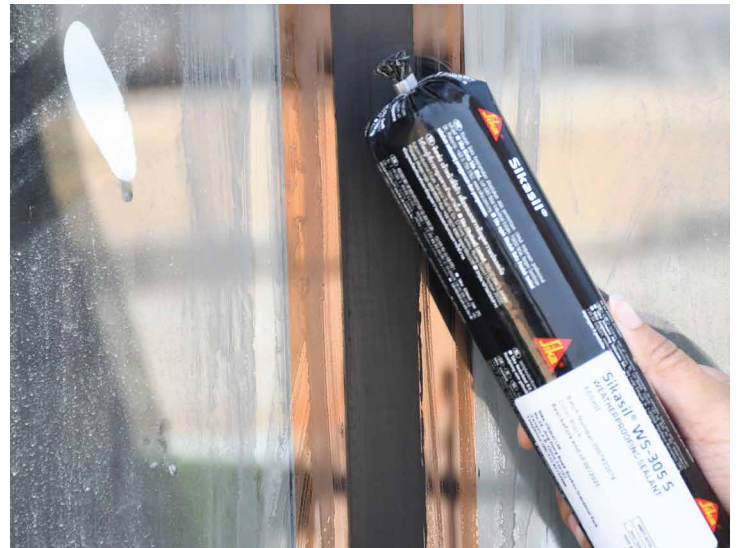
-For the structural glazing, Sikasil® SG-500 CN was chosen, a high-performance silicone adhesive that offers excellent adhesion and the ability to withstand building movements while ensuring effective weatherproofing. Both products complied fully with the project's requirements and local and international building codes, ensuring the safety and integrity of the glass façade.

Products delivered:

SIKASIL® SG-500 CN
SIKASIL® WS-305 S

Why Sika:

- -Sika is an international brand name serving Façade and fenestration sector worldwide, providing technical support on both local and regional levels. Sika strives to create long-term benefits and added values for all its stakeholders. .



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Project Participants:

- Owner: LMD
- Project manager: Hill International
- Project consultant: Sabbour Consultant
- Main Contractor: LMS Construction
- Sub-Contractor Facades: AMACO



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