

# ABE THE CHOICE FOR TOWERS

**D**ow Corning structural glazing sealant, supplied by a.b.e. Construction Chemicals, has been specified for the façades of the new 15 Alice Lane Towers in Sandton. "Dow Corning 993 structural silicone and Dow Corning 813C silicone sealant will be applied to about 13 000m<sup>2</sup> of the façades of the twin tower high-rise building by sub-contractors, Grinaker-LTA Facades, the glass and aluminium curtain walling division of the project's main contractors, Grinaker-LTA Building," says Doug Richards, technical sales consultant at a.b.e.

Grinaker-LTA Facades general manager, Colin Gardner, has stated in media reports that the curtain wall on 15 Alice Lane Towers will be a "testing undertaking" with challenges such as carefully negotiating the vertically-curved curtain wall that protrudes 5m past the outside of the structure and the extension of the curtain wall above roof level. The main glass façade consists of a variety of patterned glass elements. For more information, call 011-306-9000. *DN*

An artist's impression of a new striking Sandton skyscraper, 15 Alice Lane Towers, for which a.b.e. Construction Chemicals is supplying the structural glazing products.



Dow Corning 993 is a two-component neutral curing silicone sealant, which can resist exceptionally high stress levels caused by wind, thermal dilatation and the constant weight of the glass units. "The sealant features superb structural capabilities together with enhanced adhesion to substrates such as approved coated, enameled and reflective glass, anodised and polyester-coated aluminium and stainless steel," he states.

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"Dow Corning 813C is a one-part, neutral curing, low-modulus silicone sealant particularly suitable for weather seals, expansion joints and perimetral building joints. It offers durable adhesion to porous and non-porous surfaces such as concrete, masonry, brick, PVC-U, wood and glazed surfaces. It resists ozone and UV radiation as well as extreme temperatures, and can cope with joint movement of up to 50% of neutral joint width," adds Richards.

Grinaker-LTA Facades has qualified for membership of the relatively new and exclusive Dow Corning International Quality Bond programme. Quality Bond members are trained and audited by Dow Corning to ensure that they comply with the company's stringent application procedure and a.b.e. Construction Chemicals ensures that all these quality procedures are met. The members qualify for a Dow Corning warranty of 250 euros per square metre, which would cover all costs related to the replacement of faulty sealant. This provides architects and engineers with the assurance that their quality and expertise specifications will be met.