

SOUTH AFRICAN BUILDER®

JULY 2026 | No 11848



POINT CLOUD PRECISION



16

THE HIDDEN
COST OF
SURGING DIESEL
PRICES

21

REGULATION =
PROTECTION AND
PREDICTABILITY

39

DESIGNING HVAC
FOR AFRICAN
HEALTHCARE



NEW ANTI-SAG SILANE OFFERS VERTICAL CONCRETE PROTECTION

A new 100% silane water-repellent with anti-sag properties is hitting the market just in time for seasonal concrete maintenance. Cortec's new MCI®-2018 X V/O makes it easier for contractors to protect vertical and overhead concrete from the ingress of water and chlorides, minimising drips and maximising water-repellent penetration into bridges, parking ramps and other concrete structures with walls and overhangs.

"MCI®-2018 X V/O provides a unique and highly effective solution for protecting vertical and overhead concrete surfaces – areas which are often under-protected in structures like parking garages and industrial facilities, where most attention is typically given to horizontal slabs. Designed for ease of application, MCI®-2018 X V/O efficiently covers those surfaces while minimising material waste caused by run-off and dripping,"

says Ashraf Hasania, MCI® technical sales and product manager, explaining the importance of this new formulation.

MCI®-2018 X V/O can be used as a stand-alone 100% silane water-repellent or in tandem with a surface-applied corrosion inhibitor (SACI) such as MCI®-2020. This combination allows contractors to apply the



highest possible concentration of SACI and prolong the corrosion inhibitor protection period by lining the concrete matrix with a hydrophobic layer that maintains breathability.

"As a complementary system, MCI®-2018 X V/O works seamlessly alongside other water-repellents, sealers and membranes used on horizontal surfaces, creating a more thorough protection system. The result is a balanced, cost-effective approach that enhances durability

performance, reduces maintenance needs and delivers long-term protection," adds Hasania.

MCI®-2018 X V/O is easy to apply using conventional spray equipment and is an excellent choice for repairs or routine maintenance on vertical or overhead concrete found in many structures:

- Bridges.
- Tunnels.
- Parking garages.

- Jetties/piers (non-submerged).
- Commercial buildings.

With this thixotropic 100% silane water-repellent, contractors are now equipped to protect vulnerable concrete surfaces which were previously difficult to address. As maintenance season gets underway, now is the time to take a closer look at the advantages of MCI®-2018 X V/O as part of a broader strategy to fight corrosion and extend concrete service life. ■