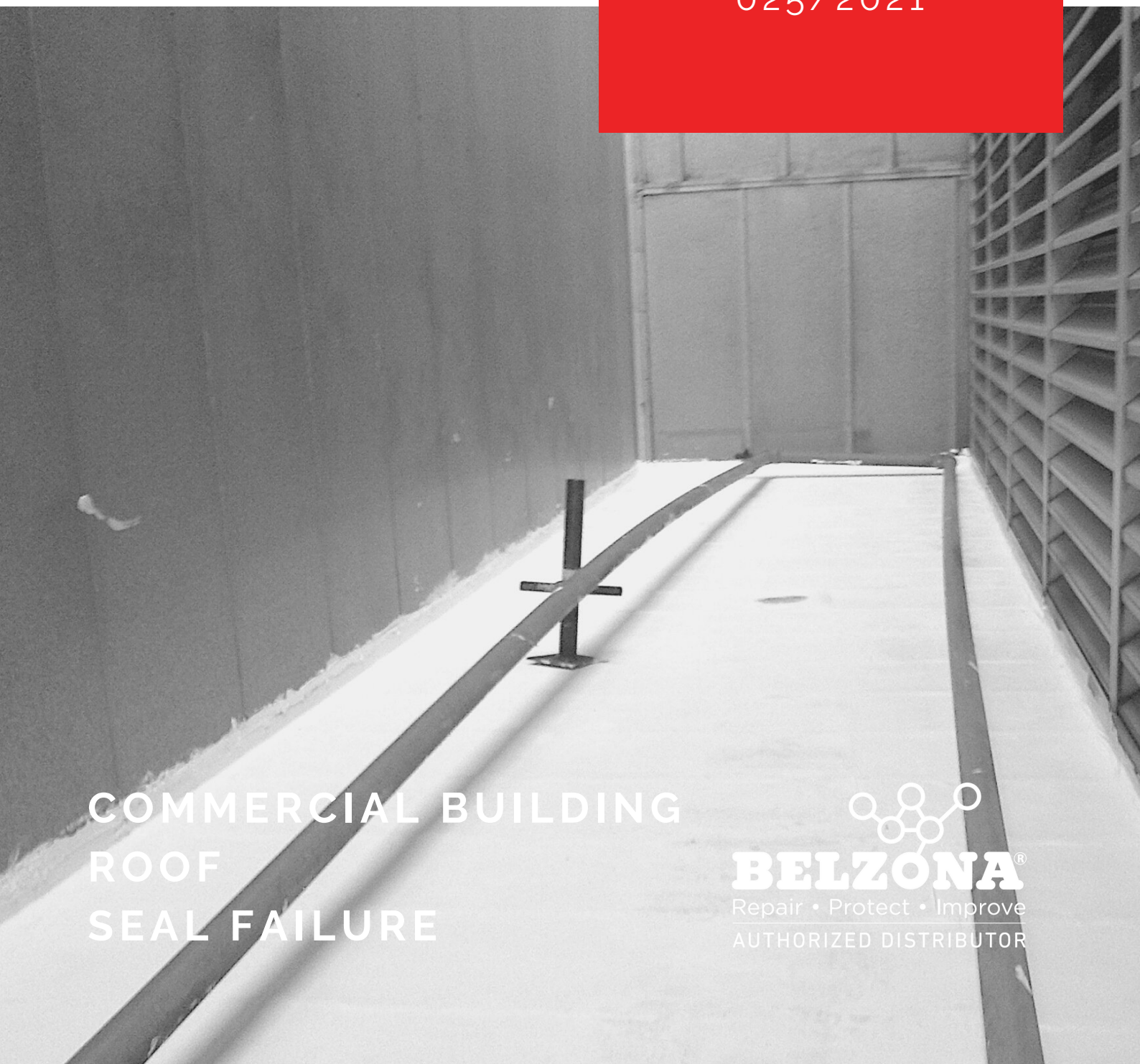
ONTARIO

KNOW-HOW IN ACTION

BELZONA®
GREAT LAKES

025/2021



COMMERCIAL BUILDING ROOF SEAL FAILURE

BELZONA®
Repair • Protect • Improve
AUTHORIZED DISTRIBUTOR

THE PROJECT

DAMAGED BUILDING ROOF AUGUST, 2012

A commercial building in Toronto was having interior damage as water was penetrating through the building roof.

The problem was that the joints between the panels on the air handling unit deck were not properly sealed. The deck was open to the atmosphere and tended to accumulate water. This accumulated water was penetrating to the building and damaging the interior walls.

MICROPOROUS MATERIAL

Belzona approached this customer and offered to use a polymeric membrane that was initially introduced in 1966. This product has since been reformulated on decades of experience in the repair and protection for all types of roof and insulation problem areas.

The customer was impressed with all the case studies and success stories that we shared with them. Thus, they decided to use Belzona products to repair their damaged roof.

THE SOLUTION

Belzona 3111 (Flexible Membrane) was specified to seal the joints between the panels and prevent water ingress.

The surface was prepared by removing all the debris, dirt and stagnant water and abrading the surface to remove rust and create an anchoring profile. Belzona 3921 (GSC Conditioner) was mixed and applied with a short bristle bush and allowed to dry. Then, Belzona 3111 (Flexible Membrane) was applied as a two coat system incorporating Belzona 9311 (Reinforcement Sheet) in accordance with Belzona's Instructions For Use.

COLD APPLIED

This solution provided a long-term repair and protection solution, offering an easy application with no hot work involved.

Belzona 3111 (Flexible Membrane) is a cold-applied liquid coating for long-term roof protection, providing outstanding waterproofing and weatherproofing properties. This single-component, solvent-free roof coating will bond strongly to all types of roofing materials, following even complex roof contours, and will allow the surface to breathe due to its microporous structure.