**EASY INSTALLATION**

Minimum disruption to tenants due to speed of installation, minimal preparation required and no indoor welding (no dust or noise). DAMPTECH’S unit is a bolted connection and by moving the lever arm down, avoids the congestion at the welded joint. There are often pipes that are in the way at the lower flange and due to flexibility of the solution, devices can be placed around the pipes.

**THE RIGHT CHOICE FOR STEEL AND PREFABRICATED CONCRETE STRUCTURES**

Failures are typically seen at the lower steel flange and at RC joints. Research indicates that welds at the top steel flange are typically sound. This can be attributed to better welding conditions with ease of access and welding in the downward position. In addition, the top flange often shares loading with the reinforced concrete deck. Conversely, the lower flange can have inferior welding and does not share load with the deck.

The same solution can be used to strengthen prefabricated concrete structures.