ANTICORROSION PROTECTION SPECIFICALLY DESIGNED FOR MICROCHANNEL HEAT EXCHANGERS

- The applied product should have a resistance to saline fog as per ASTM B117 of at least 5000 hours and should be certified as resistant to vapours/aeriforms as per enclosed Resistance List.

- The products should be water-based, without any particularly penetrating smell, therefore without solvents.

- The product should cure after application in no more than 1 hour.

- The product and its application should guarantee a complete penetration of the finned pack of any thickness and feature a particular resistance on the fin edge exposed to the entering air flow.

- The product should be applied with a double operation: a) penetration by spraying application form 1 of the 2 side of the coil, b) by spraying on the fin edge to double the protection on the point most exposed to corrosion. Before the above 2 phases a) and b), a special protection specific for the brazed connections between headers and multiport must be applied.

- The thickness of the protection on the fin edge should be about 20 μm after the application.

- The product should be re-applicable more than once by spraying to make it possible the coil maintenance following a frequency of intervention determined by the pollution situation on the coil installation site.