

IS DURABLE ADHESION TO COATING POSSIBLE?

We are often asked whether a durable bond can be achieved on products provided with a coating, intended to provide long-term protection in a possibly corrosive environment.

These coatings are often only intended to protect the surface, but do not add anything constructive. They therefore do not guarantee any adhesion or tensile forces on this coating.

We can determine based on tests whether the adhesive can achieve a durable bond on this coating in such a construction, but only on the coating; the final strength of the connection will depend on the adhesion of the coating to the substrate, often a metal.

Therefore, to prevent inferior adhesion, in an environment in which thermal, mechanical and/or chemical stresses occur, we advise removing all paint/coating from the substrates, followed by thorough cleaning and possibly sanding. These steps help to significantly improve bond strength and ensure a stable connection.