

## **Stripping Functional & Decorative Paints & Organic Coatings** ***Molten Salt Rapidly and Completely Strips All Organic Coatings***

Molten salt processes provide the most efficient stripping of organic coatings available. Relying on unique thermochemical oxidation, molten salts completely convert organic resins and binders to inorganic compounds such as water vapor and carbon dioxide. Inorganic coating constituents such as pigments, fillers, and metallic oxide are converted to their alkaline analogs. The stripping process is complete in stripping times ranging from several seconds to a few minutes.

- stripping process effectively removes all organic coatings, including
  - polyesters
  - epoxies
  - hybrids
  - powder coatings
  - electrocoat paint
  - solvent-based paints
  - chlorinated coatings
  - fluorinated coatings
  - complex primer / basecoat / topcoat systems
  - CARC
- fluorinated and chlorinated coatings may be safely stripped without the risk of hydrogen fluoride or hydrogen chloride generation due to *in situ* neutralization during the stripping process
- all organic constituents are efficiently oxidized to inorganic compounds – no organic byproducts remain after stripping
- byproducts are 100% inorganic solids and are easily managed, with corrosivity being the major characteristic of concern. Being significantly water soluble, neutralization may be easily carried out. Other characteristics such as restricted metals content is dictated by the parent coating composition.
- compatible with ferrous and select non-ferrous metals



**CARC coating being stripped from metal panel**