

Pump volute refurbishment

Reconstruction & coating in a single workstep (!) by use of the moldable and sprayable MetaLine Series 700 Elastomeric coatings. Time and cost intensive mechanical treatments like lathe operation or milling can be often avoided.

MetaLine - a unique technology to repair

- Pump volutes
- Flange areas



- 1 Nothing unusual on the first view - if you have not seen the massive damages before
- 2 Severe erosion and locally pitting corrosion with up to 15 mm loss of substrate
- 3 A must for the long-term protection process - MetaLine 924 borderline corrosion protection
- 4 A simple plastic shape to mold could save the complete mechanical tooling work
- 5 In a single step everything was restrucured - immediately followed by the spray-coating
- 6 Instead of plastic molds, thin sheet metal rings could be used as well

