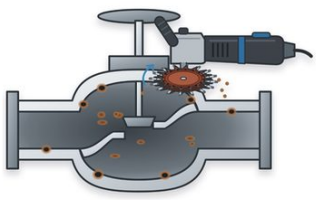
Valves - Valve bodies & globe valves



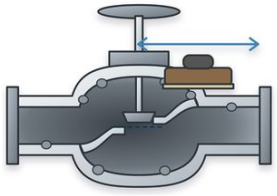


Rotating Blaster





Super Metal Filler

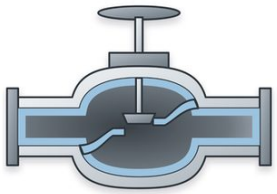


cure, then
sand / machine





1st coat

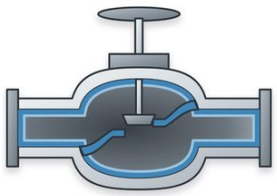


semi-cure





2nd coat



final cure

Restore corroded or eroded internal surfaces of valve bodies and globe valves and protect them against corrosion and erosion.

1. Dismantle and inspect the valve body and seat areas. Surface preparation acc. to SepcoTech standards. Protect seats, sealing faces and stem guides.

2. Rebuild damaged or eroded areas using SepcoTech Super Metal Filler, slightly above the final profile.

3. Allow curing and restore the required geometry by machining or sanding. Check flow passages and seat geometry.

4. Apply a stripe coat of SepcoTech Super Guard to welds, edges and internal transitions, followed by the first full coat - 200 µm DFT.

5. Allow semi-curing.

6. Apply a second stripe coat and the second full coat of Super Guard - 200 µm DFT.

7. Allow final curing. Inspect the coating, reassemble and verify the operation.

Note: The coating must not interfere with the valve seat, disc, stem or sealing performance. SepcoTech Aqua Guard may be used as an alternative where approved.

Includes AI generated images