

Spiral Concentrators

Concentration is the core need in mineral processing. Spiral elevators made out of GFRP and polyurethane are intensively used. Possible to repair – but so far impossible to completely overhaul!

MetaLine Series 700 is a key turn refurbishment coating technology to give additional lifetime to concentrators in different shapes

Fields of application:

- Spiral concentrators
- Vibrating classifiers / decks
- Screening classifiers

Video



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Reference and photos:
Managam - CTT
(Mine Bou-Azzer, Morocco)

- 1 Smooth, wear resistant, seamlessly – MetaLine 785 after completing the overhaul
- 2 Prior the refurbishment starts – worn, fatigue, requiring a massive strengthening
- 3 Cleaning and chemical purification is executed to remove all process residues
- 4 Mechanical roughening to create maximum bond to the existing polyurethane layer
- 5 After cleaning rubber primer MetaLine 910 is brushed on in 2 coats
- 6 MetaLine 785 in a thickness of about 3 mm being sprayed on with the APPLICATOR S-700