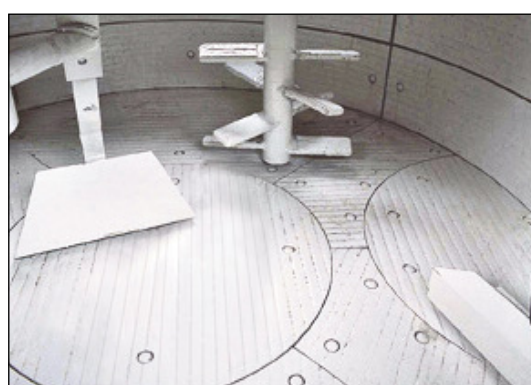


Weight reduced by 50% for low risk, safe handling: Light Weight Mixer Wear Plates

The Challenge: Risk assessments at a leading slab manufacturer identified manual handling of 90kg wall plates in a 750ltr planetary mixer was unacceptable. ConSpare were asked to re-design mixer wear plates to facilitate safer handling in confined space.



Our Solution: ConSpareExtra wear plates

Key Features: Plates re-designed to a double ring, each 295mm deep, as opposed to original single ring x 600mm deep

Improvement: Weight of each wear plate reduced by 50% to 45kg

Benefits:

- Risk Reduction** - safer to install
- Manual Handling** - easier to manoeuvre in confined space
- Cost Effective** - only replace worn section
- Wasteage** - achieve full wear life of top ring
- Downtime** - replacement time and cost significantly reduced
- Efficiency** - less downtime and more production

“The new ConSpare outer wall plates are far lighter and easier to handle which makes a big difference as it’s very cramped in the mixer. There’s no doubt they’re safer with less risk of strains and trapped fingers. Wear is localised at the bottom of the plate so now I only replace the lower section which saves money and reduces waste” Maintenance Fitter

