



## CASE STUDY:

### MATRICAST 82 SiC (LADLES IMPACT RESISTANCE)

#### EQUIPMENT

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- 1 TM transfer ladle

#### PRODUCT

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- MATRICAST 82 SiC

#### APPLICATION

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- MATRICAST 82 SiC is applied in the impact and abrasion areas in aluminum ladles and tap blocks in reverb furnaces

#### INSTALLATION

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- Ladle sent to FAM to repair the floor that presented erosion due to the impact
- Ladle was cast with competitor castable but the floor showed erosion
  - This same problem showed previous ladles sent to FAM for relining that the ladle was cast with MATRIPUMP 63 ACX on walls and MATRICAST 82 SiC on floor
- Previous ladle still working after 8 months with no problems on the floor
- Ladle will be clean. Sealed the fining in the wall with a seal or plastic and recast the floor with MATRICAST 82 SiC like the previous ladle.

#### RESULTS

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- After 8 months, ladle is still up and running



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