



CASE STUDY:

QUICK-FIRE® 88, QUICK CAST® 61ACX, BETAMAX 24 LTG, MATRIKOTE 90AC

EQUIPMENT

- Striko Chip Melting Furnace with Metallurgics Pumps (7 MT holding & 0.8 MT/h Chip melting rate)

PRODUCT

- QUICK-FIRE® 88 for hearth, lower side walls, and burners
- QUICK CAST® 61ACX for upper side walls and roof
- BETAMAX 24 LTG for sub-hearth
- S-Isol boards and IFB for insulation
- MATRIKOTE 90AC for smooth surface finish

APPLICATION

- AISi7Mg & AISi11Mg alloys chip melting furnace
- Main problem is high corundum build up on the wall after less than a year of operation
- Chip melting rate decreased; gas consumption increased

INSTALLATION

- Installed by local contractor—Erka Refractories
- Wooden form—cast on site

RESULTS

- Furnace has been in operation for 11 months and the customer is very happy with the performance of our refractory
- Previous supplier was only able to keep the furnace going for 9 months before it needed major repair
- No corundum formation on the way
- Chip melting rate and gas consumption reached to standard level



Allied Mineral Products, LLC supplies an entire line of monolithic refractories for the metals industry. For more information or a complete evaluation of your refractory requirements, please contact your local Allied representative.