

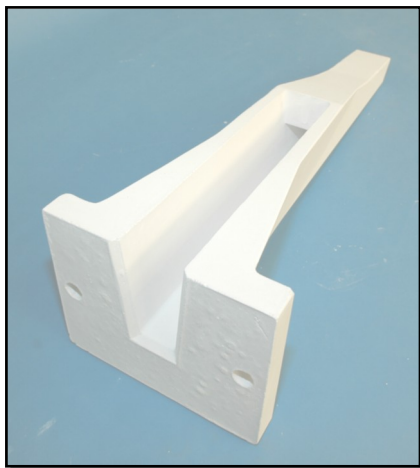
# PERMATECH® Spouts

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## For Properzi Casting Process

Permatech has the necessary design, engineering and manufacturing expertise to produce precision casting spouts / launders for the Properzi casting process. Virtually any shape of spout is possible regardless of the size, shape or geometry.

Permatech cast each part to conform to the specific needs and requirements of its clients.



## PERMATECH® ADVANTAGE

- Consistent cast start up
- Less oxide release vs. steel launder
- Better surface finish
- Longer casting runs without bar breaks
- Less cost than hand fabricated steel / ceramic paper design

ENGINEERED FOR  
MAXIMUM PRODUCTIVITY

# PERMATECH®

SHAPING THE FUTURE OF REFRACTORY TECHNOLOGY