

PERMATECH[®] Transition Plates

Sigma Composition

Permatech is the leader in precision precast refractory transition plates. Our Sigma composition offers various advantages for billet casting tables. The extremely smooth surface finish of the parts increases their lifetime and may even result in improved billet surfaces. All transition plates are available in fully customized sizes and shapes with precise geometry to fit all casting tables. Along with the smooth surface finish, the Permatech Sigma transition plate has minimal oil penetration, has no shrinkage and is non reactive to molten aluminum alloys.



PERMATECH[®] ADVANTAGE

- Ready to Use
- Fine Surface Finish
- Long Life
- Low Operating Cost
- No Shrinkage
- Minimal Oil Penetration
- Precise Geometry
- Non Reactive with Molten Aluminum Alloys
- Low Price

**ENGINEERED FOR
MAXIMUM PRODUCTIVITY**

Appearance	White
Bulk Density	122 lb / ft
Maximum Service Temperature	Suitable for 1500°F / 815°C
Thermal Conductivity	5.5 Btu / ft ² / hr / in / F°

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SHAPING THE FUTURE OF REFRACTORY TECHNOLOGY