

TECHNISAND[®]

Resin-Coated Sand

Fit for performance

Foundries depend on Covia's 4+ decades of technical resin coating experience to create formulas that meet their rigorous specifications. Customers can specify and test the sand and the resin to increase productivity of outstanding castings. As the industry's only full-service partner, customers work with Covia foundry experts to solve their complex casting challenges. First-class customer service and advantaged logistics complement this prominent product development.

CUSTOMIZE
WITH US

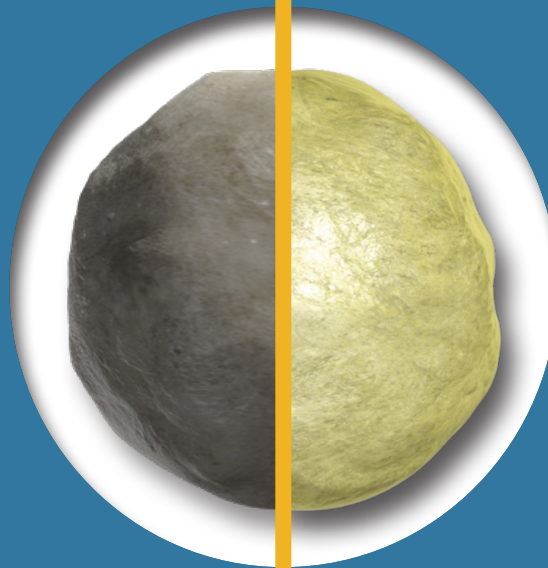
Choose your substrate

Raw materials

- Silica Sand
- Lake Sand
- Ceramic

Attributes

- GFN Range
30 - 115
- Grain Shape
subangular to round



Choose your resin

- High-productivity resin
- Low-emission resin
- Reactivity: fast, medium, slow
- Tensile strength: high, medium, slow
- Molding resins

Choose your additives

- Resin modifiers
- NEOZIEN[®] odor-abatement
- Release additives
- Iron oxide: naturally occurring and engineered
- Clay
- Shakeout improving additives

For more information about TECHNISAND resin-coated sand, please call: 800.243.9004 or email: Sales@CoviaCorp.com



TECHNISAND®

Resin-Coated Sand

TECHNISAND TRUCOAT® LE

Low emission resin-coated sand

Dramatically cut emissions: TECHNISAND TRUCOAT LE resin-coated sand is the core-and-mold casting system that dramatically lowers odor, in-plant smoke, and other emissions while delivering superior performance.

Advanced resin-coated technology:

- lowers hazardous air pollutants (HAPs) by more than 41%
- reduces free formaldehyde by 35%
- and decreases free phenol levels 62% without sacrificing product integrity.

This innovative foundry solution reduces scrap. Best core-surface density and uniform curing provide near-net shape casting to decrease cost.

Benefits:

- Reduce odor and in-plant smoke
- Lower VOCs and HAPs
- Decrease overall environmental footprint

TECHNISAND TRUCOAT®

High-productivity resin-coated sand

Increase productivity: Regardless of the metal casting you are producing, TECHNISAND TRUCOAT resin-coated sand outperforms any traditional resin-coated product. This is the right solution to increase productivity and casting quality with less sand while not compromising the commitment to cleaner air.

Benefits:

- Improve flowability
- Produce complex cores at a very low core weight
- Minimize scrap cost

TECHNISAND TRUCOAT® AL

Aluminum casting resin-coated sand

Significantly improve core shakeout: TECHNISAND TRUCOAT AL resin-coated sand is the high-performance solution to significantly improve core shakeout in non-ferrous applications. Now, customers can eliminate use of the heat-treat oven to remove cores from castings and eliminate post-bake core downtime. This important product is available in GFN 30 to 100 AFS in your choice of sand. Coarser grades are also available to improve permeability and reduce or eliminate gas defects.

Benefits:

- Produce high strength cores with excellent shakeout
- Improve productivity
- Reduce casting scrap
- Reduce energy cost

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