Why READYBUILT™ ?

Less Make-Up. More Molds.

READYBUILT™ *is a complete suspended slurry system with Primcote®, Intermediate and Back Up slurries that arrive ready to use— so your team can spend less time preparing slurry and more time building shells.*

Features & Benefits

- Premixed and ready to use: no on-site slurry make-up required.
- One complete system: Primcote, Intermediate, and Back Up from a single supplier, designed to work together.
- Stays suspended without continuous mixing during power outages or planned downtime.
- Less dry-material handling and dust on site.
- Intermediate and Back Up in standard 55-gallon drums for dipping directly from the drum.
- Simplified slurry maintenance.
- Proven casting performance.

Already Built

for your process



Let's Talk Shell

Every foundry's process is different. Our technical team can review your application, alloy, part geometry, and current slurry practice to determine whether READYBUILT is the right fit.

ARE YOU READY?

Scan to contact us today!

Connect With Our Experts

Request a technical discussion or more information.

Ransom-Randolph.com
800-800-7496
Marketing@Ransom-Randolph.com

Introducing

READYBUILT™

Ready-to-use Suspended Slurry System

Intermediate | Primcote® | Back Up



READYBUILT™

Build Shells, Not Slurries.

R&R
Ransom&Randolph

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READYBUILT™ Primcote®

A zircon-based first coat for industrial casting



READYBUILT Primcote is a zircon-based suspended slurry designed for prime-coat use in industrial investment casting. Its zircon refractory system is intended to support the thermal requirements of steel and other high-temperature alloys.

Premixed to eliminate on-site make-up and reduce dry-material handling and dust.

14-GALLON DRUM, 300 LB NET

Store at room temperature; do not freeze.

Features

- Zircon-based refractory system
- Designed for steel and other ferrous alloys
- Supplied premixed — no on-site make-up, eliminating dry material handling and dust

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(optional)

READYBUILT™ Intermediate

Built to reach the tight spots



READYBUILT Intermediate is a fused silica-based slurry formulated to flow more readily than READYBUILT Back Up. Its lower viscosity helps it reach tight corners and other complex features where a heavier backup slurry may not flow as effectively. Intermediate is optional.

R&R's technical team can recommend whether it's appropriate based on part geometry and the approved shell process.

55-GALLON DRUM, 650 LB NET

Store at room temperature; do not freeze.

Features

- Fused silica-based
- Lower viscosity than Back Up for complex geometries
- Use depends on part geometry and the approved shell process

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READYBUILT™ Back Up

Build the shell — skip the make-up



READYBUILT Back Up is a fused silica-based slurry designed to build the bulk of the ceramic shell. Supplied premixed, it eliminates the initial on-site backup slurry make-up step and the dry-material handling that goes with it.

Depending on your process, trees can be dipped directly from the drum, or the slurry can be transferred to a rotating tank.

55-GALLON DRUM, 650 LB NET

Store at room temperature; do not freeze.

Features

- Fused silica-based; builds the bulk of the shell
- Supplied premixed in standard 55-gallon drums