RESICOAT®

Functional

Resicoat RB-600

Powder Coatings for Rebar

Corrosion protection for structural integrity

When failure is not an option, and you're seeking the ultimate in corrosion protection, a Resicoat RB-600 Fusion-Bonded Epoxy (FBE) powder coating provides the answer. It's specially designed to significantly extend the service life of steel used in reinforced concrete structures. Coating the reinforcing bar and dowel rods gives the structure its longer-term strength and performance. Fusion-bonded to the mechanically pre-treated steel surface during electrostatic spray application, the thermoset polymer structure provides an optimum barrier to the corrosive effects of chlorides and other chemicals and exceeds the requirements of ASTM A775. It is easily accommodated on fast rotating production lines.



Resicoat. When protection defines your success

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Leading benefits

Superior flexibility

Suited to any environment, with superb flexibility even in colder climates, preventing cracking during fabrication.

Excellent protection

Excellent levels of corrosion protection to protect structural integrity for longer service life.

Flexible application

Easy and quick to apply, building a continuous layer of film with excellent coverage.

Anti-cobwebbing

Prevents cobwebbing, making its application easier to control in the booth.

The RB-600 green range includes:

HKF30R

The standard powder coating that is immediately available from stock.

HKF30R-F

A powder coating that minimizes cobwebbing in the coating booth; designed for lines operating up to 75 ft per minute.

HKF30R-LG

The long gel version can be used on custom lines for baskets or cages.

Powder features

Typical characteristics	Short gel time Fast curing time
Stable enough for	Storage / shipping / handling
Good surface wetting	Superior adhesion and corrosion protection
High melt viscosity	Excellent coverage of the ribs
Smooth, holiday free film	Corrosion prevention
High flexibility	Ease of fabrication without cracking
Resistance against	Alkalinity; abrasion; corrosion; mechanical deformation
Fast curing	Storage / shipping / handling
Durability	Chemical; corrosion and mechanical deformation resistance
Tough epoxy resin	Outstanding scratch and impact resistance



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Speak to your local representative or contact **resicoat@akzonobel.com** to learn more about what Resicoat RB-600 can do for you.

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Issue 1 - 06/2024

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