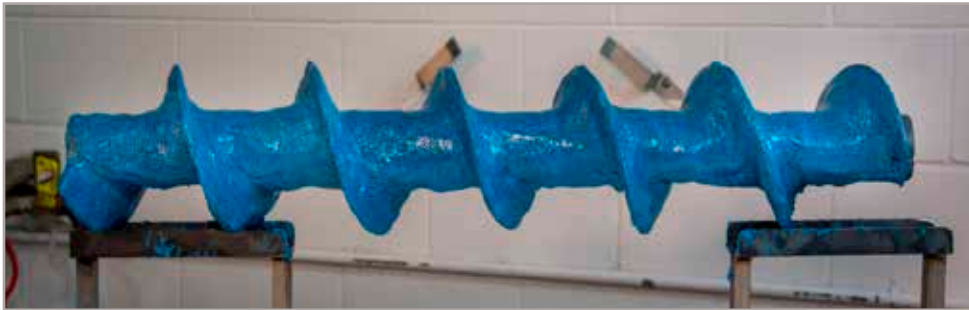




# Wear Guard™ 300RTC Coating



## Increase Uptime with High Temperature, Wear Resistant Coating. Eliminate Post Bake Cure!



Protect equipment from corrosion, erosion and wear



Easy to mix



Easy to apply



Sag free application



Smooth with water

Devcon® Wear Guard™ 300RTC (Room Temperature Cure) is a superior wear resistant epoxy coating designed to protect equipment against high temperature erosion, corrosion and abrasion.

Repairs and protects flotation tanks, scrubbers, pipe elbows, screens, chutes, bins, hoppers, bunkers; protects exhausters, launderers, housing fans, crushers and breakers.

### Provides Superior Long-lasting Protection

- Protects in Wet & Dry environment up to 300°F / 149°C
- Highly durable coating allows for thin application; minimum coating thickness is 0.25"
- High chemical resistance

### Reduces Repair Time

- Room Temperature Cure eliminates the need for oven bake cure
- Extended pot life provides application flexibility without long cure time
- Sag free application

### Easy to Use

- Easy to mix
- Easy to apply by hand or trowel
- Smooth with water



# Wear Guard™ 300RTC Coating



## Typical Properties

Adhesive Lap Shear	2,000 psi (13.8 MPa)
Color	Blue
Compressive Strength	12,500 psi (86.18 MPa)
Coverage	50 in <sup>2</sup> / lb (711.2 cm <sup>2</sup> /kg) @ 0.25"
Cured Hardness	85 D
Functional Cure	8 - 10 Hours
Mix Ratio by Volume	2 : 1
Mixed Viscosity	Putty
Pot Life	50 - 70 Minutes
Recoat Time	4 - 6 Hours
Solids by Volume	100%
Specific Gravity	2.2 g/cc
Wet Abrasion Resistance	0.13 in (0.33 cm) / week @ 1000 RPM
Taber Abrasion	12 mg / 1000 Cycles
Sag	Up to 0.25" (0.635 cm)
Temperature Resistance	Wet/Dry: 300°F (148.9°C)

## Packaging

Item no.	Product - Component	Volume
11430	- Devcon® Wear Guard™ 300RTC	30 lbs

## Increase Equipment Life; Reduce Maintenance Cost:

Field trials prove Devcon Wear Guard 300RTC is a highly durable coating, resistant to chemical attacks in high solid, wet environments, outlasting competition by 6 months.

**Refer to our Technical Data Sheet and Safety Data Sheet for additional technical and safety information**

The technical information, recommendations and other statements contained in this sheet are based upon good faith tests or experience that ITW Performance Polymers believes are reliable, but the accuracy or completeness of such information is not guaranteed. The information is not intended to substitute for the customers' own testing.

©ITW Performance Polymers, July 2021.