

### Protect 1030

Endura Protect 1030 is a two-component zinc-free epoxy primer providing excellent adhesion, hardness, and flexibility to meet class B requirements for slip coefficient and creep resistance.

**Can be used under cementitious fireproofing.**

#### Product Features

- ◆ Gives corrosion protection
- ◆ High build formulation fills a sandblast profile in one coat
- ◆ Fast dry to handle and recoat
- ◆ No induction required

#### Theoretical Solids Content:

Volume: 53%

#### Shelf Life\*

Component A: (3) years  
Component B: (1) year

\*For unopened product.

#### Pot Life of Mixed Product:

6-10 Hours @ 77°F (25°C) and 50% RH



#### Suitability

Endura Protect 1030 provides superior adhesion, impact resistance and corrosion protection over a wide variety of ferrous surfaces. It is specially formulated for Slip Critical Joint, and meets Class B slip and creep for faying surfaces.

NOTE: Slip resistance cannot be maintained if a topcoat is applied between the bolted surfaces. Overspray is not recommended on connecting surfaces.



#### Surface Preparation

Commercial sandblasting or machine sanding with 40 grit sandpaper is acceptable for most applications. Sandblast media, mesh size 16/30 or 30/50 or LG50 Steel shot.



#### Mixing Ratio

9 parts by volume of part A [FEA0055]  
1 part by volume of part B [FEB0043]

The recommended temperature when mixed is 20-25°C (68-77°F).

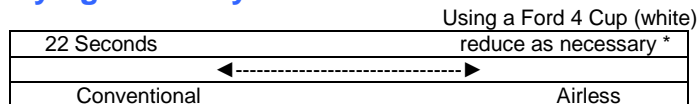
#### Environmental Conditions

For optimum coating performance product, substrate and ambient temperature should be between 20°C-25°C\* (68°F-77°F). To prevent condensation during application the surface temperature must be 3°C (5°F) or more above the dew point at all times.

\*for use outside this range please contact your Endura representative.



#### Spraying Viscosity\*

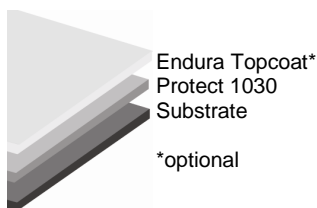


\* Spraying viscosity and thinning will depend on ambient conditions, spray equipment used, and on the desired surface finish.



#### Spray Gun Setup

Feed Type	Fluid Tip	Application Pressures ( heel of gun )	Fluid Delivery
Siphon Feed	1.6-1.8 mm	40-50 psi	
Gravity Feed	1.6-1.8 mm	30-40 psi	
Pressure Feed	1.4-1.8 mm	50-60 psi	12-16 oz/min
Air Assist Airless	9-17 Thou	1,000-1,800 psi	
Airless	13-15 Thou	1,700-3000 psi	



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### Recommended Film Build Thickness and Cover Rate

Endura Protect 1030 has been formulated with high sag resistance and can be applied up to 8 mils DFT in one coat.

Theoretical coverage at 1.0 mil (25 microns) DFT: 848 ft² per gallon @ 100% transfer efficiency.

**Maximum dried film thickness to meet class B requirements for slip coefficient and creep resistance is 4 mils.**



### Drying Time\*

	20°C (68°F)	30°C (86°F)	40°C (104°F)
Topcoat	2 Hours	1 Hour	30 Minutes
Full Cure	14 Days	7 Days	3 Days

\* Subject to ambient conditions (temperature and humidity) film build and good airflow. For improved scheduling please contact your Endura representative.

### Specifications

Hardness	ASTM D3363	6H
Humidity resistance	ASTM D4585	Excellent
Water immersion	ASTM D1308	Excellent
Service temperature limits		400 ° F (193 ° C)
Mud-cracking		NO
Alkaline resistance		Excellent
VOC	For VOC amounts please refer to the product MSDS	



Endura Topcoat\*  
Protect 1030  
Substrate

\*optional



### Clean Up

Endura high strength gun wash, Endura epoxy reducer or Endura EX-2C thinner.