



PICO SLAT GUARD

Cutting Table Slat Protection Coating

GENERAL DESCRIPTION:

PICO SLAT GUARD is a technologically advanced coating formulated to provide slat protection from the build-up of slag, dross and spatter that takes place in plasma / laser / burn and downdraft cutting tables.

PICO SLAT GUARD facilitates electrical conductivity to ground the plate and eradicate torch bounce.

PICO SLAT GUARD helps mitigate costly rejects, rework and scrapped metal.

PICO SLAT GUARD eliminates the use of hammers, chisels, grinders and other labor-intensive practices to remove stubborn accumulations.

PICO SLAT GUARD makes slag / dross bridge compilation disappear.

PICO SLAT GUARD is proven to triple the useful life of slats with proper application.

PICO SLAT GUARD reduces the need for extended downtime maintenance on downdraft table walls.

PRODUCT FEATURES AND BENEFITS:

- Non-VOC
- Non-toxic
- Economical
- Dries quickly
- Non-flammable
- Easy application
- Excellent adhesion
- Long-term protection
- Environmentally friendly

PRODUCT APPLICATION:

PICO SLAT GUARD provides excellent stability, adhesion, hardness, and long-lasting durability to resist chipping, and wear.

PICO SLAT GUARD can also be applied on the walls of down draft systems for improved run-off and lessen adhesion / buildup of slag drips or dross. Helps eliminate grinding.

PICO SLAT GUARD is applied "as received" by roll coat or brush-on over clean dry surfaces for maximum protection on both sides of the slat(s). Airless / air-assisted spray are also acceptable methods of application.

Substrate should be at room temperature for normal application.

Heat will accelerate drying. Recommended coverage is 5-10 mils dry film thickness (DFT).

May require more than one coat depending upon application. See page 2.

PICO SLAT GUARD is not recommended to be diluted with water or other materials.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES:

Appearance and Odor:	Dark gray liquid with mild odor
Flash Point:	None
Weight / Gallon:	8.95 lbs. / gal. @ 77°F (25°C)
Coverage @ 5 mils (DFT):	75 linear feet per gallon (Approximate) <small>Calculation Chart on page 2</small>
Volatile Organic Content (VOC):	Zero
Approx. Dry-to-touch Time @ 77°F (25°C):	30-60 minutes



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The description, statements and recommended use of this product are guidelines and may vary due to minor changes in formulation or manufacture, as to the date of printing. Because the use of this product is beyond the control of PICO Chemical, LLC and we assume no liability for incidental, consequential, or direct damages regardless of cause.

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How to Calculate Gallons Required

To determine the number of gallons for a specific application, multiply the **factor** (slat depth) by **slat length** (feet) by **number of slats**.

Slat Depth	Factor @ 5 Mils DFT Thickness	Factor @ 10 Mils DFT Thickness
2"	.004	.008
4"	.008	.015
6"	.012	.024
8"	.015	.030
10"	.02	.04
12"	.025	.050

Examples

Slat depth is 4 inches, slat length is 12 feet, 50 slats to be coated.

Coat both sides, to same thickness.

(10 mils) - 4" factor x 12 (feet) x 50 (slats) = 4 gallons (approx.) PICO SLAT GUARD

Slat depth is 6 inches, slat length is 12 feet, 50 slats to be coated.

Coat both sides, to same thickness.

(10 mils) - 6" factor x 12 (feet) x 50 (slats) = 8 gallons (approx.) PICO SLAT GUARD

Brush, roll-on, dip, spray applications are recommended for maximum coverage protection.

Application Note: In normal application of PICO SLAT GUARD, allow material to dry after application and measure thickness before determining if additional coverage is needed. PICO SLAT GUARD must be dry for best protection. Heat will accelerate drying.

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