



376F Brush



PRODUCT INFORMATION BULLETIN

DESCRIPTION

Enviroline® 376F Brush is a high solids brush and roll version of **Enviroline® 376F** advanced hybrid epoxy novolac lining and specifically designed for stripe coat application over welds and seams. **Enviroline 376F Brush** provides good flexibility and impact resistance and is recommended for use in many harsh chemical environments, including all petroleum crude oils and acceptable for use in immersion temperatures up to 180° F with recommended topcoat application.

TYPICAL USE

Stripe coating welds and seams of steel and concrete tanks. An Enviroline topcoat should then be applied.

BENEFITS

- Good brush and roll application
- Superior abrasion resistance
- Good flexibility & impact resistance
- Excellent adhesion
- Resists wide range of chemicals and solvents
- Thermal & mechanical shock resistance

LIMITATIONS OF USE

See Enviroline Chemical Immersion Resistance Guide or consult your Enviroline representative.

TECHNICAL DATA

Weight (lbs/gal): 12.85
Volume Solids: 85%
Color(s): Tan
Flash Point: <100° F
Hardness (Shore D min.): 75

Pot Life (@77° F): 30 minutes
Pot Life (@100° F): 16 minutes
VOC (mixed lbs/gal): 1.15
VOC (mixed g/l): 138
Recommended Thickness: 5-10 mils DFT

Temperature Resistance:

Non-Immersion, Dry Heat: 300° F (149° C)
Continuous immersion resistance is dependent on particular temperature and chemical exposure.

COVERAGE

Theoretical Coverage*: 1347 sq. ft per gallon @ 1 mil dry
@ 5 mils: 269 sq. ft. per gallon
@ 10 mils: 134 sq. ft. per gallon
**When ordering product, make allowances for any loss due to overspray, surface irregularities, etc. (approx. 15 – 20%).*

DRY & CURE SCHEDULE

Drying schedule at temperatures indicated and 50% relative humidity:

	77°F	100°F
Touch Dry	3 hours	2 hours
Dry Hard	6 hours	4 hours
Minimum Recoat	3 hours	2 hours
Maximum Recoat	48 hours	24 hours
Cure	96 hours	72 hours

SURFACE PREPARATION

All surfaces must be clean, dry, and free of dust, dirt, oil or other foreign matter. Steel surfaces shall be abrasive blasted to SSPC SP-5/Nace No. 1 White Metal finish with a minimum 3 – 5 mil angular profile for best results. Concrete shall be abrasive blasted or etched with 10% muriatic acid. Enviroline 54 or 58 Primer recommended for concrete surfaces.

APPLICATION EQUIPMENT

Apply by brush or roller.

MIX RATIO

2:1 by volume.

APPLICATION CONDITIONS

Apply at 5° F (3° C) above dew point. Use the following chart for preferred temperature and humidity conditions. These conditions plus adequate ventilation must be maintained throughout the curing cycle.

	Substrate	Ambient	Humidity
Preferred	70-120° F	70-100° F	N/A
Minimum	55° F	55° F	5° above dew point

HANDLING

Store at moderate temperatures (65-85° F) prior to application for ease of handling and mixing.

INDUSTRIAL ENVIRONMENTAL COATINGS CORPORATION dba ENVIROLINE GROUP

THINNING	Thinning is not required.
PRE-HEATING	No pre-heating is required.
MIXING	Mechanically pre-mix each component one minute and then mix combined compound with jiffy mixer for 3 to 4 minutes. Allow additional 10 minute induction time if applying at temperatures under 65° F.
CLEAN UP	Clean immediately with methyl ethyl ketone (MEK) or methyl isobutyl ketone (MIBK).
PACKAGING	One unit forms approximately 1 gallon consisting of two components: Resin: 1 Gallon Pail Hardener: 1/2 Gallon Pail
SHELF LIFE	2 years when stored at 75° F (24° C) unopened.
SHIPPING	F.O.B. Pompano Beach, Florida for domestic shipments, Ex-Works Pompano Beach for international shipments.
SAFETY	This product is for industrial use only and should be installed by qualified coating and lining specialists. Consult Material Safety Data Sheets for important health and safety information prior to use.

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**Enviroline continuously strives to improve its data sheets for the benefit of all users. The owner/applicator is responsible for obtaining the most recent Product Information Bulletin prior to the purchase or application of material.*