

FREEDOMTUFF™ FT-4700

PRODUCT DESCRIPTION

FT-4700 is a two component, low VOC exterior finish coat. FT-4700 is resistant to degradation from UV radiation, providing long-term gloss and color retention, as well as resistance to abrasion and chalking.

USES

- Water Features
- Slides
- Lagoons

ADVANTAGES

- Excellent color and gloss retention
- UV stable
- Abrasion resistant
- USGBC LEED, EQ Credit 4.2: Low-emitting VOC Compliant Materials

COLOR

Standard color is White. Additional colors are available upon request.

GENERAL PRODUCT INFORMATION

Property	Test Method	Value
Mix Ratio by Volume	NA	8:1
Pot Life @ 70°F	ISO 9514	2 hours

The values stated in this Product Data Sheet are based on system processing under controlled laboratory conditions. Equipment configuration and/or field application conditions may produce variances in the installed product values

CURING TIME

Temperature	To Touch	To Handle	Minimum Recoat*
90°F	30 minutes	4-6 hours	6-8 hours
70°F	30 minutes	6-8 hours	10-12 hours
50°F	1 hour	12-15 hours	16-24 hours

*Maximum recoat is thirty (30) days. Curing time can be affected by a variety of conditions, including, but not limited to surface temperature, air movement, humidity, and film thickness.

SURFACE PREPARATION

Metal Surfaces: Provide clean, dry, and sound metal substrate. Prepare metal surfaces in accordance with SSPC-SP6.

COVERAGE RATES

	Dry Mils	Wet Mils	ft² per Gal
Suggested	2.5	4.5	372
Minimum	2.0	3.5	465
Maximum	3.0	5.0	310

Allow for overspray and surface irregularities. Wet film thickness is rounded to the nearest 0.5 mils. Application of coating less than minimum or greater than maximum recommended dry film thicknesses may adversely affect coating performance.

FREEDOMTUFF™ FT-4700**PACKAGING**

	Part "A" (Partially Filled)	Part "B" (Partially Filled)	Yield (Mixed)
Medium Kit	5 gallon pail	1/2 gallon can	3 gallons
Small Kit	1 gallon can	1 pint can	1 gallon

MIXING

Stir contents of the container marked Part A, making sure no pigment remains on the bottom. Add the contents of the can marked Part B to Part A while under agitation. Continue agitation until the two components are thoroughly mixed. Do not use mixed material beyond pot life limits. **Caution: Part B is moisture-sensitive and will react with atmospheric moisture. Keep unused material tightly closed at all times.**

THINNING

For brush, roller, and air spray, thin up to 10% per gallon with FT-1065. Thinning is required for proper application. **Caution: Do not add thinner if more than thirty (30) minutes have elapsed after mixing.**

APPLICATION EQUIPMENT

Roller: Use 1/4" (6.4 mm) synthetic woven nap cover. Do not use medium or long nap roller covers.

Brush: Recommended for small areas only. Use high quality natural or synthetic bristle brushes.

APPLICATION EQUIPMENT CONT...

Component	Recommendation
Gun	DeVilbiss JGA
Fluid Tip	E
Air Cap	765 or 704
Air Hose ID	5/16" or 3/8"
Material Hose ID	3/8" or 1/2"
Atomizing Pressure	65-85 psi
Pot Pressure	15-25 psi

Low temperatures or longer hoses require higher pot pressure. Use appropriate tip/atomizing pressure for equipment, applicator technique, and weather conditions.

CLEAN UP

Flush and clean all equipment immediately after use with the recommended thinner or MEK.

User is responsible for reading, understanding, and following all recommendations on SDS. Dispose of all packaging and containers in accordance with local, state, and federal laws and regulations. Excess liquid materials should be mixed and allowed to cure. Once cured, dispose of cured material in accordance with local, state, and federal laws and regulations.

SHELF LIFE & STORAGE

Shelf life is one (1) year from the date of manufacture in original, unopened, factory-sealed containers under specified storage conditions.

Shipping and storage temperatures is 20°F to 110°F. Do not store containers directly on ground. Always store on pallets or otherwise elevated.

Do not open containers until ready to use. Partially filled containers should be purged of air using nitrogen blanketing and sealed tightly when not in use.