



FAST DRY ALUMINUM SERIES 43-236

PRODUCT PROFILE

GENERIC DESCRIPTION	Copolymer Aluminum
COMMON USAGE	Fast drying spray-applied coating offering good protection for most exterior weathering conditions. Note: Series 43-236's "dry-fall" characteristics help reduce the potential for overspray problems on buildings and surrounding property.
COLORS	Aluminum
FINISH	Semi-Gloss

COATING SYSTEM

PRIMERS	Series 37H
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SURFACE PREPARATION

ALL SURFACES	Must be clean, dry and free of oil, grease and other contaminants. Remove rust and paint not tightly bonded. Spot prime.
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TECHNICAL DATA

VOLUME SOLIDS	21% ± 2.0%
RECOMMENDED DFT	1.0 to 1.5 mls (25 to 40 microns) per coat. Note: Number of coats recommended will vary depending on exposure conditions and other variables. Contact your Tnemec representative for specific recommendations.
CURING TIME	

Temperature	To Touch	To Handle	To Recoat
75°F (24°C)	10-20 minutes	45-60 minutes	4 hours

Curing time varies with surface temperature, air movement, humidity and film thickness..

VOLATILE ORGANIC COMPOUNDS	5.67 lbs/gallon (680.3 grams/litre)
NUMBER OF COMPONENTS	One
PACKAGING	55 gallon (208.2L) drums, 5 gallon (18.9L) pails and 1 gallon (3.79L) cans.
NET WEIGHT PER GALLON	8.0 ± 0.25 lbs (3.62 ± .11 kg)
STORAGE TEMPERATURE	Minimum 20°F (-7°C) Maximum 110°F (43°C)
SHELF LIFE	12 months at recommended storage temperature.
FLASH POINT - SETA	52°F (11°C)
HEALTH & SAFETY	Paint products contain chemical ingredients which are considered hazardous. Read container label warning and Safety Data Sheet for important health and safety information prior to the use of this product. Keep out of the reach of children.

APPLICATION

COVERAGE RATES	Dry Mils (Microns)	Wet Mils (Microns)	Sq Ft/Gal (m ² /Gal)
Minimum	1.0 (25)	5.0 (120)	337 (31.3)
Maximum	1.5 (40)	7.0 (180)	225 (20.9)

Allow for overspray and surface irregularities. Film thickness is rounded to the nearest 0.5 mil or 5 microns. Application of coating below minimum or above maximum recommended dry film thicknesses may adversely affect coating performance.

MIXING	Stir thoroughly, making sure no pigment remains on the bottom of the can.
THINNING	Do not thin.
APPLICATION EQUIPMENT	Air Spray

Gun	Fluid Tip	Air Cap	Air Hose ID	Mat'l Hose ID	Atomizing Pressure	Pot Pressure
DeVilbiss MBC or JGA	E	765 or 704	5/16" or 3/8" (7.9 or 9.5 mm)	3/8" or 1/2" (9.5 or 12.7 mm)	60-80 psi (4.2-5.5 bar)	10-20 psi (0.7-1.4 bar)

Low temperatures or longer hoses require higher pot pressure.

Airless Spray

Tip Orifice	Atomizing Pressure	Mat'l Hose ID	Manifold Filter
0.011"-0.015" (280-380 microns)	2400-3000 psi (165-207 bar)	1/4" or 3/8" (6.4 or 9.5 mm)	100 mesh (150 microns)

Use appropriate tip/atomizing pressure for equipment, applicator technique and weather conditions.

SURFACE TEMPERATURE	Minimum 40°F (4°C) Maximum 120°F (49°C) The surface should be dry and at least 5°F (3°C) above the dew point.
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CLEANUP	Flush and clean all equipment immediately after use with No. 2 Thinner or xylol.
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CAUTION

Dry overspray can be wiped or washed from most surfaces. Satisfactory dry-fall performance depends upon height of work, weather conditions and equipment adjustment. Low temperature and high humidity are of particular concern. Test for each application as follows: Spray from 15 to 25 feet towards paint container. The material then should readily wipe off. **Note:** Heat can fuse-dry overspray to surfaces. Always clean dry overspray from hot surfaces before fusing occurs. Be aware that exterior surface temperatures can be higher than air temperature.

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