FORREST Technical Coatings

1A30L Series Technical Data Sheet

PRODUCT DESCRIPTION

1A30L products are acrylic lacquers put into aerosols for use multiple substrates for functional and decorative uses.

Color: Clear and White

PHYSICAL PROPERTIES

Property	Result
Volume Solids	9 – 13% ± 2
Weight Solids	15 – 23 % ± 2
Theoretical coverage	15 – 20 ft.² per can 1.4 – 1.67 m² per can
Clean-up overspray	Xylene or Acetone
Dry time at 70°F(21°C) and 50% relative humidity	
Dry to touch	30 min

SURFACE PREPARATION

Surface must be clean, dry and free of oil, grease, mill scale and other contaminants. Possible cleaning methods include abrasive blasting (preferred) in accordance with SSPC-SP-6, solvent cleaning in accordance with SSPC-SP-1, or hand and power tool cleaning in accordance with SSPC-SP-2 or SP-3. Repaired steel should then be solvent cleaned with Xylene, Toluene, or lacquer thinner. Use clean solvent and clean white wiping rags. Do not use colored rags containing dye, which may dissolve in the solvent leaving incompatible contaminants on the surface.

MIXING

Shake can vigorously for at least one minute after mixing ball rattles to ensure uniform spray and prevent clogging. Shake can occasionally during use. Test spray on a scrap to adjust for pattern and distance to prevent dry spray.

APPLICATION

Application Parameters*	
Relative Humidity	30 – 85%
Minimum Temperature	50°F (10°C)
Maximum Temperature	90°F (27°C)

* Cans will dispense product best when the temp is 65°F - 85°F

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When applying with an aerosol, two or three light coats are better than attempting one heavy coat.
Your first coat should be a “mist” coat, it should look like dots on the surface. Trying to cover the surface in a single pass will most likely result in drips and runs of this thin paint. Paint should be sprayed from about 12 to 15 inches from the surfaced. If you get too close, the paint will likely drip or run. If you get too far away, the paint will dry in the air and result in a gritty finish.

STORAGE

The product must be stored in accordance with local and national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Shelf life at 73°F (23 °C) = minimum of 12 months *

*When kept in recommended storage condition and original unused containers.

DANGER! FLAMMABLE LIQUID AND VAPOR.

Vapors may ignite explosively. Keep away from heat, sparks, or open flame. Use only in well ventilated area. Protect all workers from paint vapors. Wear eye protection.

CAUTION

Adequate health and safety precautions should be observed during storage, handling, use and curing periods.

READ SAFETY DATA SHEETS BEFORE USING THIS PRODUCT

DISCLAIMER

The technical data and suggestions for use in this product data sheet are currently correct to the best of our knowledge, but are subject to change without notice. Because application and conditions vary, and are beyond our control, we are not responsible for results obtained in using this product, even when used as suggested. The user should conduct tests to determine the suitability of the product for the intended use under then existing conditions. Our liability for breach of warranty, strict liability in tort, negligence or otherwise is limited exclusively to replacement of the product or refund of its price. Under no circumstances are we liable for incidental or consequential damages.

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