

# TURCO FABRIFILM EA

## WATER-BORNE, ALKALINE REMOVABLE PROTECTIVE COATING

### **Description:**

Turco Fabriform EA is a patented transparent water-borne alkaline removable protective coating especially formulated to protect aluminum surfaces from abrasion, scuffing and corrosion during in-plant processing and storage.

Turco Fabriform EA may be used on certain plastic surfaces. Spot testing is recommended prior to using. Ammoniated water is recommended for most plastics to remove the protective coating.

Turco Fabriform EA is available in several colors on request.

### **Use Instructions**

**Pre-cleaning:** parts to be coated must be free of dirt, grease, forming lubricants and oils. Surfaces should be dry prior to coating applications.

**Spray Application:** Turco Fabriform EA sprays like a lacquer. Use standard pressure pot, or siphon cup equipment such as Binks stainless steel 2001 gun with 563A fluid needle, 63B nozzle and 63PB or 63PJ air-caps. 50-psi line pressure with 3-8 psi pot pressure. Cold airless equipment such as Graco 28:1 President pump. Reflex gun, and spray tips such as 163-167, 163-621 or 163-817 may also be used. An air-line pressure of 80 psi min; a fluid line pressure of 1000 psi is recommended. Several box coats maybe necessary to obtain the desired dry film thickness. Water can be used to clean gun, lines and pumps immediately after spraying.

Turco Fabriform EA dries to handle in 30-45 minutes depending on the ambient temperature, or it may be force dried at 160°F (71°C) with ventilation in 5 to 10 minutes.

**Removal:** Turco Fabriform Remover M-2 has been especially formulated for quick removal of Turco Fabriform EA. This viscous liquid clings to vertical and overhead surfaces and removes the film even after the film has been aged, or exposed to heat. After application allow

remover to dwell on the surface 15 to 30 minutes. Rinse coating and remover from parts with high-pressure water.

## **Liquid Properties**

Viscosity #2 Zahn Cup: 23 ± 3 sec.

pH: 7.5 - 8.0

Storage life: 1 year (keep from freezing)

## **Dry Film Properties**

Appearance: transparent

Dry-to-touch time, 77°F (25°C): 30 - 45 minutes

Block resistance (after 3 hours drying): pass

Adhesion tape test: (after 3 days drying) pass

(7 days immersion in distilled water, room temperature after 4 hours recovery): pass

Bend test, 3/16" mandrel: pass

Direct impact, 20 inch-pounds: pass

Reverse impact, 20 inch-pounds: pass

Removability after 12 hours, 160°F (71°C): pass

Weather resistance, 3 months outdoors: pass

Pencil hardness: HB

Above tests were performed using 2024 Clad aluminum.

## **Disposal Information**

Dispose of spent solution per local, state and regional regulations. Refer to your Turco Material Safety Data Sheet for additional disposal information.

Store and ship in closed containers at temperatures of 5 - 35°C.

Before using this product refer to container label and Turco Material Safety Data Sheet for additional precautionary, handling and first aid information.