



Since 2000  
**Ultra BOND**  
CONSTRUCTION CHEMICALS

# Ultra **AC COAT 30-36** **EX3000**

## **COLOR:**

White

## **APPLICATION CONSISTENCY:**

Brush or spray

## **AVERAGE WEIGHT / U.S. GALLON (ASTM D 1475):**

10.4 lbs. (1.25 kg/l)

## **AVERAGE NON-VOLATILE (ASTM D 1644):**

40% by volume (51% by weight)

## **COVERAGE RANGE (FSTM 72):**

(Subject to the type of surface being coated.) Wet coverages shown below are for smooth non-porous surfaces. Porous or rough surfaces may require higher gallon age to attain required dry thickness.

40-70 sq. ft. per gal. (1.0-1.7 m<sup>2</sup>/l) per coat

0.040 in. to 0.023 in. wet film thickness

(1.0 to 0.6 mm) per coat

## **DRYING TIME 73°F (23°C) 50% RH (ASTM D 1640):**

Set to Touch: 2 Hours

Dry Through: 15 Hours

## **SERVICE TEMPERATURE LIMITS (FSTM 70):**

(Temperature at coated surface)

0°F to 180°F (-18°C to 82°C)

## **WATER VAPOR PERMEANCE (ASTM F 1249):**

0.5 - 1.5 perms at 0.031 in. dry film thickness, (0.9 metric perms at 0.8 mm)

## **WET FLAMMABILITY (ASTM D 3278):**

No flash to boiling, 212°F (100°C)



## **SURFACE BURNING CHARACTERISTICS (ASTM E 84):**

Flame Spread: 10

Smoke Developed: 5

Tested at coverage rate of 40 sq. ft./gal. (1.0 m<sup>2</sup>/l).

Applied

to 1/4 inch (6.4 mm) inorganic reinforced cement board. The

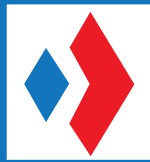
flame spread may vary at different product thicknesses

and/or when applied over other surfaces.

**ULTRA CANVAS COAT 30-36** is a white, fire resistive, tough,

washable, abrasion-resistant indoor coating for thermal insulation. It is also used as a lagging and lap adhesive for canvas and glass lagging cloth. It has excellent brushing characteristics, which will result in better coverage, and more uniformly coated surfaces.

It presents a neat white finish, and will not yellow or become discolored with age. The surface can be washed free of grease, oil, soot, and other dirt accumulation.



**ULTRA CANVAS COAT 30-36** provides a protective finish for insulation on air conditioning ducts and cold water piping when applied in 2 coats with reinforcing fabric embedded between coats. When relative humidity exceeds 75% for continuous periods, or where the insulated piping or equipment contains chilled water, brine or refrigerant, additional vapor barrier protection is suggested.

**ULTRA CANVAS COAT 30-36** is compatible with polystyrene and polyurethane foam insulations. It may be applied to the joint or edges of fibrous duct liner insulations to seal and prevent air erosion.

**ULTRA CANVAS COAT 30-36** conforms with current requirements regarding use in meat and poultry processing areas under federal inspection. Letter of certification is available upon request.

**ULTRA CANVAS COAT 30-36** meets the requirements of Military Specification MIL-A-3316C Class 1, Grade A, and is listed on the Q.P.L.

**ULTRA CANVAS COAT 30-36** is approved by the U.S. Coast Guard under 164.012.

**ULTRA CANVAS COAT 30-36** meets requirements for LEED IEQ 4.2 Low- Emitting Materials, Paints and Coatings. VOC:15 g/l, less water and exempt solvents.

**ULTRA CANVAS COAT 30-36** is produced under the classification and follow-up service of Underwriters Laboratories, Inc. and meets NFPA 90A and 90B 25/50 requirements.

15 g/l, less water and exempt solvents.

**ULTRA CANVAS COAT 30-36** contains no asbestos, lead, mercury, or mercury compounds.

#### **ULTRA CANVAS COAT 30-36 LIMITATIONS**

Store and apply between 40°F (4°C) and 100°F (38°C), protect from freezing until dry.

Always test foil and paper facings for acceptable adhesion before using.

#### **MATERIAL PREPARATION**

DO NOT THIN. Apply only to clean, dry, oil-free surfaces. Keep container closed when not in use.

#### **APPLICATION**

1. Apply a tack coat of Ultra canvas coat 30-36 at 60-70 sq. ft per gal (1.5-1.7 m<sup>2</sup>/l).

2. Immediately imbed the selected lagging fabric into the wet coating. Smooth to avoid wrinkles and overlap seams by at least 2 inches (5 cm).

3. Immediately apply a finish coat at 60-70 sq. ft. per gal. (1.5-1.7 m<sup>2</sup>/l). The dry film thickness of this application will vary with the fabric selected.

For air conditioning ducts, increase the coverage rate to 40-50 sq. ft. per gal. (1.0-1.2 m<sup>2</sup>/l) for each coat.

#### **BRUSH**

Use clean paint brushes (suitable for water-base paints). Apply with full brush and spread out evenly.

#### **SPRAY**

Ultra canvas coat 30-36 may be airless spray applied. For spray equipment information please consult Airless Spray

Recommendations or contact your airless spray equipment supplier. Average viscosity range: 55,000 - 75,000 cps. Corrosion

resistant pumps and fittings are suggested.

#### **TOP COATING**

If Ultra canvas coat 30-36 is to be top coated with anything other than an alkyd enamel conforming to DOD-E-24607 as specified in

Mil- A-3316C, the user must confirm by his own tests that the products are compatible and that the final results are satisfactory.

#### **CLEAN-UP**

Use clean fresh water for cleaning brushes and equipment before product dries. Dry product may be removed with hot soapy water or strong solvents such as chlorinated solvent (non-flammable) or mineral spirits (flammable).

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