



## PRODUCT DATA

# 400

## Acrylic DTM Enamel

**Description:** An acrylic direct-to-metal (DTM) waterborne exterior coating with excellent gloss and color retention and weather resistance. Lead, mercury, and chromate free. Extra low VOC

**Typical Uses:** For industrial, commercial, residential, and marine use including machinery, piping, structural steel and equipment. For coating steel, galvanized steel, aluminum, concrete, masonry, and wood surfaces. Both interior and exterior, walls, floor and ceilings. May be applied directly to metal surfaces.

**Dry Temperature Limits:** 200 deg.F

**Surface Preparation:** Surfaces should be clean and dry. Remove all dirt, dust, oil, grease, loose paint and other contamination.

**Mixing Instructions:** use mechanical agitation (jiffy power mixer)

**Application Equipment:** Brush, roller, airless or conventional spray. To obtain maximum edge protection and film build, spray application is recommended.

**Application Conditions:**

- Dry, dust-free surface
- Metal temperature above 60 deg.F
- Metal temperature at least 5 deg. above the dew point
- Ambient temperature above 60 deg.F
- Humidity less than 85%
- Material temperature between 70 and 90 deg.F

**Primer:** none required

**Thinner:** none required, fresh water, if necessary

**Clean Up Solvent:** fresh water

**Safe Application Conditions:** Consult MSDS for proper handling, cleanup, disposal, and use of personal protective equipment. Circulate sufficient air to maintain working environment below the PEL and LEL. Apply according to local, state, and federal (OSHA) regulations.

**Finish:** Gloss

**Color:** Full range of colors

**Volume Solids:** +/- 2%

**VOC:** 1.00 lbs./gal. (120 g/l)

**Flash Point:** >200 deg.F

**Dry Film Thickness:** 2 to 5 mils/coat

**Wet Film Thickness:** 10 to 15 mils/coat

**Theoretical Coverage:** 595 sq.ft./gal. @ 1 mil

**Shelf Life Time:** 1 year plus

**Dry Time:** @ 77 deg.F (25 deg.C)

Dry to Touch 15-30 minutes

Tack Free 1 hour

Maxium Hardness 5 days

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