



## PRODUCT DATA

# 3828

### Alkyd Shop Primer

**Description:** DESCRIPTION: 3828 GREY SHOPCOAT PRIMER is an economy grade primer made from mill ends and over run paints. Therefore, the color and solids specifications will vary from batch to batch. It has very good adhesion to adhere to a variety of substrates is an economical way to provide protection to in process of finished products.

**Typical Uses:** protection of mild steel

**Dry Temperature Limits** 160 deg F

**Surface Preparation:** : Apply to properly cleaned or treated surface. This may consist of solvent wiping, wire brushing, sandblasting, phosphate treatment or chemical etching

TYPE OF APPLICATION

**Application Equipment:** Brush, Roller, Airless or Conventional spray. To obtain maximum edge protection and film build, spray application is recommended.

**Application Conditions:**

- Noncontaminated surface, free of all oil, grease, mildew, other contamination
- Dry, dust-free metal surface
- Metal temperature above 40 deg.F
- Metal temperature at least 5 deg. above the dew point
- Ambient temperature above 40 deg.F
- Humidity less than 90%
- Material temperature between 60 and 90 deg.F

**Primer:**

**Thinner:** Xylene

**Clean Up Solvent:** Mineral Spirits

**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:** Flat - Semigloss

**Color:** Gray

**Volume Solids:** 34.00 (+/-) 2%

**VOC:** 4.75 to 5.00

**Flash Point:** 55 degrees F

**Dry Film Thickness:** 1.5 - 2

**Theoretical Coverage:** THEORETICAL COVERAGE @ 1 mil dry:

538 sq. ft. per gallon. No loss assumed.

FLEXIBILITY: Good

IMPACT RESISTANCE: Good

ACID RESISTANCE: Good

ALKALI RESISTANCE: Good

ADHESION: Very Good

SOLVENT RESISTANCE: Good

HEAT RESISTANCE: Good

HUMIDITY RESISTANCE: Good

WATER IMMERSION: Good

SALT SPRAY RESISTANCE: Good

**Shelf Life Time:** 12 months

**Dry Time:**

DRY TIME: Air dry at 77 degrees F and 50% R.H. @ 1mil dry film thickness

TO TOUCH: 15-30 Minutes

TO HANDLE: 25-45 Minutes

HARD: Overnight

TO RECOAT: 24 Hours

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