

**OMSTOV F – 411 (STOVING PAINT)****PRODUCT DESCRIPTION**

OMSTOV F - 411 is single pack Stoving Top Coat can be applied after applying Stoving primer or can be applied directly on the Metal where limited corrosion resistance is required. The product is recommended where extra ordinary chemical resistance is required. This product is mainly recommended for Barrel Industries. This product needs Owen baking without that it will not dry.

**SALIENT FEATURES**

- Single Pack Stoving
- Easy to Apply
- Can be over coated with all type of top coats Single Pack & Two Pack

**TECHNICAL**

TYPE	Single Pack Stoving type
COMPOSITION	Alkyd Amino
APPLICATION	Conventional Spray / Airless spray
VOLUME SOLIDS	51 ± 3%
RECOMMENDED DFT	20 to 30 µ per coat
THEORETICAL COVERAGE	17 to 25 sq. met per coat per lit
OWEN BAKING	10 – 15 Minutes (Heating Zone) @ 160° C
OVER COATING INTERVAL	After completing Owen cycle and the surface gets cooled
FLASH POINT	Above 22 C
SHADES	All IS & RAL Shades & also variety of shades as per requirement
PACKING	20 Lits, 4 Lits
THINNER/CLEANER	OMSTOV THINNER
FINISH	GLOSSY / SEMI GLOSSY / MATT FINISH
STORAGE LIFE	06 months stored in cool, dry condition away from Flame and Sun in original sealed container as supplied.

### **SURFACE PREPARATION**

This is a top coat it will be applied on the surface of the subtract for that remove grease, oil and other contaminants preferably by using Degreasing solvent and the surface should be roughened by the emery paper 220. The surface should be prepared as per ISO 8504. For more details kindly contact our representative. It is advisable to take small trial to be carried out before applying a full coat. The cleaned surface should be coated before it becomes contaminated.

### **APPLICATION**

Stir the liquid thoroughly and then add required Thinner to get required application viscosity. Strain the Primer by Nylon filter cloth of 400 mesh size then apply uniformly over the surface and stir again before and during application. Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with recommended thinner

Application: By Brush/By Air Spray/By Airless Spray

For Brush / Roller application, add a maximum of 5% thinner if required. Apply uniformly on the surface of the subtract. Use quality brushes for paint application.

#### **For Air spray application:**

Thinner: OMSTOV THINNER  
Addition: 10-15%  
Nozzle Orifice: 1 .2 -1 .4 mm  
Nozzle Pressure: 40-70 psi

#### **For Airless spray application:**

Thinner: OMSTOV THINNER  
Addition: Max 5%  
Nozzle Orifice: 0.41 -0.50 mm  
Nozzle Pressure: 1400-1800 psi.

**HEALTH & SAFETY**

All work involving the application and use of this product should be performed in compliance with all relevant National Health, Safety & Environmental standards and regulations.

Prior to use, obtain, consult and follow the Material Safety Data Sheet for this product concerning health and safety information. Read and follow all precautionary notices on the Material Safety Data Sheet and container labels. If you do not fully understand these warnings and instructions or if you can not strictly comply with them, do not use this product. Proper ventilation and protective measures must be provided during applying and drying to keep solvent vapour concentrations within safe limits and to protect against toxic or oxygen deficient hazards. Take precautions to avoid skin and eye contact (i.e wear gloves, goggles, face masks, barrier creams etc.) Actual safety measures are dependant on application methods and work environment. This is a solvent based paint and care should be taken to avoid inhalation of spray mist or vapor as well as contact between the wet paint and exposed skin or eyes.

**IMPORTANT NOTES**

1. Do not apply paint when temperature falls below 10°C or rises above 50°C and when Relative Humidity is above 85%, Do not apply during rain, fog, or mist.
2. Brushes and spray equipment should be cleaned with recommended thinner otherwise equipment is liable to damage.
3. Volume Solids will vary depending on shades. Products with different volume solids are also available on request.
4. DFT variation can be obtained by change in application method/thinning ratio. Contact our representative for further assistance.
5. Shelf life indicated is minimum for this Product and it is subjected to re-inspection thereafter. Individual component is required to be store in cool, dry and covered condition, away from heat and ignition.

**DISCLAIMER**

The information contained within this Data Sheet is based on information believed to be reliable at the time of its preparation. The company will not be liable for loss or damage howsoever caused including liability to conduct all necessary tests to confirm the suitability of any product or system for their intended use. No guarantee of results is implied since conditions of use are beyond our control.