

METAL BASE AND TOPCOAT

PRODUCT CODE:

33C18 Metal Base and Topcoat

PHYSICAL PROPERTIES:

Viscosity: 17 - 20 sec. (#2 Zahn Cup)
Flash Point: 6°C
Weight Solids: 30 - 32%
Density: 0.931 – 0.941 g/ml
Appearance: Clear to straw liquid
Sheen 90
Shelf Life: 1.5 – 2 years unopened

PRODUCT DESCRIPTION AND USES:

33C18 is a tough, clear baking finish for metal substrates and other difficult to coat surfaces. It has an excellent adhesion to cold-rolled steel, outstanding film hardness and scratch resistance.

PRODUCT ADVANTAGES:

1. Excellent adhesion
2. Excellent clarity
3. Outstanding toughness and scratch resistance
4. Good moisture resistance
5. Good chemical resistance
6. Very good package stability

ENVIRONMENTAL INFORMATION:

VOC: max 645 g/L

APPLICATION DATA:

Suggested Uses: Schwartz 33C18 Metal Base and Topcoat is used for finishing metal substrates and other difficult to coat surfaces

Mixing Instructions: Mix well before use. Avoid excessive stirring or shaking as this can cause bubbles to form.

Pot Life: NA

Recommended System: 33C18 can be used as base coat and topcoat for metal finishing

Application Tools: Curtain Coater, Dip, or Spray

Cure Schedule: Flash off 5-10 minutes then bake 15 – 20 minutes at 350°F (177°C)

Coverage: 802 ft²/gal (2 mils Wet Film); 212 ft²/lit (2 mils Wet Film)

Reducer: 4T086

Retarder: 4T086

Clean-up Solvent: 4T086

DIRECTIONS FOR USE:

Surface Preparation: Surfaces must be clean, dry and contaminant-free. All polished materials must be degreased for optimum adhesion and hardness to occur.

Dry Time:

Flash off at RT for 5-10 minutes then bake 15 – 20 minutes at 350°F (177°C)

Clean-up: 4T086

Ambient Conditions: Use only when ambient conditions are 18°C to 30°C and RH= 40-60%. Finish temperature must be > 15°C.

Storage: Store indoors away from heat, ignition source, wet conditions and direct sun.

Application: Following surface preparation; Apply by Dip, Curtain Coater or spray. Check with equipment manufacturer for settings to achieve the correct atomization.

Warning: Use in well-ventilated area. AVOID sparking; use non-sparking tools. Avoid open flames, turn off all pilot lights and ensure that work area is properly ventilated. Soiled rags and waste products may contain combustible liquids or vapours, dispose in accordance with local regulations. Refer to MSDS for information on safe use of this product.

LIMITATIONS and WARRANTY

The recommendations made and the information herein is based on our own and independent laboratory experience, and is believed to be accurate under controlled conditions. However, no warranty or guarantee of accuracy is made because we cannot cover every possible application of product nor anticipate every variation encountered in weather conditions, job- conditions, methods used and types of surfaces on which the product is applied. The users shall make their own tests to determine the suitability of such products for any particular purpose. Schwartz makes no warranties with respect to this product, expressed or implied, without limitation, the implied warranties of merchantability or fitness for a particular purpose.

Schwartz liability shall be limited in all events to supplying sufficient product to re-treat and/or repair the specific area to which Schwartz product has been applied. Schwartz reserves the right to have the true cause of any difficulty determined by accepted test methods. Schwartz shall have no other liability, including liability for incidental, consequential or resultant damages, however caused, whether due to breach of warranty, negligence, or strict liability.

THIS WARRANTY MAY NOT BE MODIFIED OR EXTENDED BY REPRESENTATIVES OF SCHWARTZ, ITS DISTRIBUTORS OR DEALERS.