

Strenex – 200B3-020

Low Gloss Black W/B DTM



GENERAL

DESCRIPTION

200B3-020 is a waterbased DTM coating which provides protection and scratch resistant finish to steel parts and components. This coating is designed to provide a smooth, low-gloss finish directly to cleaned metal parts with good hardness and excellent adhesion. This product is non-hazardous and provides corrosion protection at dry film thicknesses above 2.0 mils.

SUGGESTED USES

As an anti-corrosive coating for use by job shops, steel fabricators, specialty manufacturers, and field contractors over properly prepared steel surfaces where the following attributes are desirable:

- Low gloss
- Fast dry time
- Good hardness
- Good corrosion resistance

COLOR

Black



MIXING

MIX RATIO

Ready to use

REDUCTION

No thinning is required; if thinning is necessary, use Potable Water

POT LIFE

Not applicable.



APPLICATION

SURFACE PREPARATION

Poor surface preparation will reduce the overall performance and service life of the coating. Steel surface should be clean, dry and free of any oil or dirt. To achieve the maximum benefits of the coating, this coating should be applied over cleaned or abrasive blasted substrates such as SSPC-SP 2, 3, 6, 7 or 10 surface preparations.

APPLICATION CONDITIONS

Do not apply if material, substrate or ambient temperature is below 50°F (10°C) or above 110°F (43°C). Apply only in good weather or in covered areas protected from environmental conditions. Substrate and air temperatures must be at least 5°F (3°C) above the dew point and rising. Avoid painting late in the day when temperatures fall and relative humidity increases toward the dew point. Water condensation on the new film may cause surface imperfections and poor cure.

SPRAY APPLICATION

Conventional pressure pot spray, airless spray, or air-assisted airless spray applications are recommended. Touch-up of small areas may be performed by using nylon brushes or short-nap, rosin-core rollers.

CLEAN UP THINNERS

Water



DRY TIMES

Cure time at recommended thickness @ 50% RH, with good air movement

	77°F (25°C)
To touch	10-15 min
To handle	20-30 min
Recoat	60 min (minimum)
Hard dry	12 hrs



PHYSICAL PROPERTIES

Maximum Service Temperature	120°F (50°C) in continuous service
Volume Solids	34.52%
Weight Solids	42.85%
Theoretical Coverage Per Gallon	554 ft ² @ 1 mil DFT
Suggested Film Thickness	2.5 +/- 0.5 mils DFT
Gloss	Flat
Package Size	5 gal Pail, 50 gal Drum, 330 gal Tote
Shelf Life	1 year minimum

STORAGE CONDITIONS

Store in a dry, well-ventilated area. Storage conditions should be between 40°F (5°C) and 110°F (43°C).

This product may settle during transit or storage. Agitate well before each use.

VOC REGULATIONS

VOC (as supplied)	1.00 lbs./gal
VOC (minus water and exempt solvent)	2.13 lbs./gal
Flash Point	See SDS

SAFETY AND HANDLING

For industrial use only by professional, trained painters. Not for sale to or use by the general public. Before using, read and follow all label and SDS precautions. If mixed with other components, mixture will have hazards of all components.

All technical advice, recommendations and services are rendered by the Seller gratis. They are based on technical data which the Seller believes to be reliable and are intended for professional use by persons having skill and know-how at their own discretion and risk. Seller assumes no responsibility for results obtained or damages incurred from their use by Buyer in whole or in part. Such recommendations, technical advice or services are not to be taken as a license to operate under or intended to suggest infringement of any existing patent.

Revised: December 2021