

Technical Data Sheet

Date of Issue: 30/09/2022 Revision Date 30/09/2022 | Version 4.0

Product name

STEELTECT 1250 SB

SYNLAC INDUSTRIAL ENAMEL(SLB 3000)



PRODUCT DESCRIPTION

A pre-filled matt tint base alkyd primer for mild steel application, can be over coated with STEELTEC 2400 SB topcoat.

INTENDED USES

- For use by manufacturers of steel windows, door frames, steel garage doors as a dipping or spraying primer.
- Also used as a general-purpose shop coat for structural steel.
- Suitable as a matt topcoat for interior or exterior use

FEATURES AND BENEFITS

- Good corrosion protection
- Very good coverage

PRODUCT INFORMATION

Appearance	Matt
Tint Base	Transparent(SLB 3000).Range of colours via tinting with ALCHEMY colourants.
Volume Solids	± 35% (typical)
Recommended DFT	Min: 25µm, Max: 35 µm
Recommended WFT	Min: 70µm, Max: 100 µm.
Theoretical spreading rate	11.6 m ² /L at 30µm DFT at stated volume solids.
VOC	<500g/L
Flash Point	<23°C
Viscosity	30 – 40seconds (typical) Ford Cup No.4

APPLICATION DETAILS

Mixing Stir with a flat paddle until completely homogeneous



Method	Conventional spray and dipping. N.B. Dip tanks must be agitated at all times, either by circulating system, e.g., Diaphragm pump or mechanical stirrer.		
Application environment	Surface Temperature	Min*: 10°C	Max: 40°C
	Ambient Temperature	Min*: 10°C	Max: 40°C
	Relative Humidity	Min*: 10%	Max: 85%
	*Or 3°C min. above dew point		
Thinning	THINNER 5040(PYY 1), THINNER 5030(PUR 1), THINNER 5070(TH 77)		
Cleaning	THINNER 5040(PYY 1), THINNER 5030(PUR 1), THINNER 5070(TH 77), THINNER 5000(ILS 1)		
Drying Time	Touch dry	1h at 23°C	
	Over coating(Min)	2h at 23°C	
	Over coating(Max)	48h at 23°C	
	Dry to handle	2h ah 23°C	

STORAGE AND PACKAGING

Store away from direct sun, heat, open flames, sparks and severe cold.

Shelf Life: 24 months

Single Pack: 5L, 25L and 200L

TINTBASES

- The tint base containers are underfilled to levels which are specific for the tint base to allow for a calculated volume of colourants to be added. The volume indicated on the container is only achieved after the addition of all prescribed colourants as per the formulation.
- The tint base and the colourants are unfinished intermediate products which are not recommended for use by themselves. A finished product is only produced once the prescribed quantities of colourants have been thoroughly mixed with the tint base.

TINTING PROCEDURE

- Select the required colour and reference no. from suitable fan decks or colour cards and locate the applicable formulation from the tables.
- Certain colour choices may require more than two coats to achieve full obliteration, (see computer formulations for details in remark column prior to tinting).



- Select the required tint base and volume for tinting and set the tinting machine to deliver the correct amount of colourants as per formulation.
- Inject all required colourants, close container, and shake in mechanical shaker for 5 minutes.

SURFACE PREPARATION

All surfaces must be firm, dry, and clean, free from oil, grease, or any other contaminants.

MILD STEEL

- Remove oil, grease and dirt and any other contaminants with STEELTECT 7100 SB(GR 1).
- Rinse thoroughly with clean water.
- Sand off any rust back to bright metal.

APPLICATION INFORMATION

- Thin as recommended and apply to achieve the required DFT
- Bright clean transparent colours may require additional coats.

SAFETY PRECAUTIONS

- Always keep paint out of reach of children.
- Ensure good ventilation during application and drying.
- If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner.
- Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.
- Harmful if swallowed. Seek medical attention and do not induce vomiting.
- Do not smoke while painting.
- Flammable. Store in a cool dry place away from heat and sparks.
- Refer to Safety Data Sheet for complete information.

DISCLAIMER

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be dependable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.



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NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging, and colour.

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