

DESCRIPTION	Two component high build epoxy polyamine cured tank coating
PRINCIPAL CHARACTERISTICS	<p>Good physical properties (adhesion, hardness, abrasion resistance)</p> <p>Good chemical resistance to salt water, fresh water, petroleum, crude oil and weak acids</p> <p>Suitable for storage of clean water and food products</p> <p>Can build a dry film thickness of 200 microns per coat without sagging, using airless spray</p>
RECOMMENDED USE	Designed as finish coat for internal tank coating, such as fresh/portable water tank, solvent/chemical tank, fuel and ballast tank, etc.

SPECIFICATION DATA AT 20 °C

Gloss	Eggshell
Colour	White, and other colour by requested
Specific Gravity	1.40 ± 0.15 kg/litre
Solids by volume	78 ± 3 %
Recommended	Dry film thickness : 100 microns Wet film thickness : 128 microns
Coverage theoretical	7.8 m ² / litre - 100 microns
Drying time	Touch dry : 2 hours at 30°C Hard dry : 12 Hours
Full cure	7 days
Painting interval	min. 8 hours Max. 28 days
VOC	205 g/litre (base), 496 g/litre (hardener)
Flash point (DIN 53213)	78 ° C for base and 69° C for hardener
Pot life	6 hours (after mixing the components)
Shelf life	12 months (cool and dry place)
Service temperature	Continuous : 100°C Periodic : up to 120 °C

Surface Preparation

Substrate	Recommended
New Steel	Blasted cleaned SSPC-SP10, Sa2 ½
The surface to be painted	Must be clean, free from rust, oil grease or other foreign matter using wash, detergent, or solvent wipe.

Preceding coat : SIMACOVER EP PRIMER or according to specification.

Application instruction

Condition	Recommended
Temperatur	Min 5°C, max 50°C

Relative humidity	Max 85 %		
Substrate temperature	should be at least 3°C above dew point.		
Mixing ratio	Base : Hardener = 4 : 1 [by volume] temperature of the mixture should be above 15°C		
Thinner	Sima Thinner 44-00, should be added after mixing the components, and stir well before use preferable by means of mechanical mixer. Too much solvent result in lower sag resistance and slower cure.		
Method of application 1. Airless spray 2. Air Spray 3. Brush	Thinner	Nozzle Orifice	Nozzle Pressure
	Maks 0-10 %	0.018-0.021"	150 Bar (2100 psi)
	Maks 0-15 %	2 mm	4 Bar /57 psi
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Over coating table for two packs epoxy or polyurethane products :

	Substrate temperature			
	10° C	20° C	32° C	40° C
Minimum interval	24 hours	8 hours	6 hours	4 hours
Max. interval	28 days	28 days	14 days	7 days
Surface should be cleaned from chalking and contaminant				

Packing and size instruction

Packing size (two packs product) : 5 and 20 litres

Storage The product must be storage in accordance with national regulation. Preferred storage condition are to keep the containers in the dry space provided with adequate ventilation. The containers should be sealed tightly.

Safety Precaution Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe the vapour or spray. This product is flammable. Keep away from sources of ignition. Do not smoke.

HEALTH AND SAFETY: For detailed information on the health and safety hazards and precaution for use of this product, please see the SAFETY DATA SHEET (SDS).

The information in this data sheet is to the best our knowledge connects at date printing. The company reserves the right to the modify data without notice. Any change in data will normally be followed by issued of new data sheet. The user should check the data of printing and if more than 12 months have elapsed, then the data should on only be used after checking with our nearest self-office to establish that they are still valid. Since condition of application and services may be beyond our control, no liability can accept on basis of this data.