

PRODUCT DESCRIPTION

Subakyd EX Topcoat is a one component oxidatively drying alkyd coating. It has a glossy finish with good gloss retention. It is fast drying and friendly environment. To be used as topcoat in atmospheric environments

INTENDED USE

Suitable for a wide range of industrial structures.

GENERAL PROPERTIES

Colour	: Colours as per colour cards. Special colours available upon request
Gloss Level	: Gloss
Volume Solids, %	: 45 ± 2 %
Specific Gravity	: 1.10 ± 0.15 kg/l (depending on colours)
Flash point	: 27°C
VOC	: 473 g/l (by calculation)

SURFACE PREPARATION

All surfaces should be clean, dry and free from contamination. The surface should be assessed and treated in accordance with ISO 8504. Oil or grease should be removed in accordance with SSPC-SP1 solvent cleaning.

Damaged Area

Damage area should be prepared with abrasive blast cleaning to Sa 2^{1/2} (ISO 8501-1:2007). When abrasive blasting is not possible, mechanical cleaning to St 3 (ISO 8501-1:2007) is acceptable. After the surface preparation, patch primer prior to the application of Subakyd EX Top Coat.

Subakyd EX Top Coat should always be applied over a recommended anti-corrosive coating scheme for metal surface. The primer surface should be dry and free from oil and other contaminations. It must be applied within the overcoating intervals specified (refer to application section for details).

CONDITION DURING APPLICATION

Avoid paint application when the temperature is below 10°C or above 45°C and relative humidity is over 85%. The temperature of steel surface must be a minimum 3°C above dew point of surrounding air.

APPLICATION GUIDED

Mixing Ratio : Mixed thoroughly before use.

Theoretical Coverage : 9.0 m²/lit at 50µm DFT

Thinner : Subakyd EX Thinner

APPLICATION METHOD

Brush and roll is suitable for stripe coating and very small areas. For best result, use airless spray. Care must be taken to achieve the specified dry film thickness.

APPLICATION DETAILS

Airless Spray : Tip Size : 0.015" – 0.019"
Pressure at nozzle : 120-150 kg/cm²

Typical Thickness : 30 - 50 µm dry film
67 - 111 µm wet film

Drying Time : Substrate Temperature : 25°C 40°C
Surface Dry : 1hr 0.5hrs
Through Dry : 4hrs 2hrs
Cured : 7days 3.5days
Dry to recoat (min) : 4hrs 2hrs
Dry to recoat (max) : None

The given data must be considered as guidelines only. The actual drying time/times before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. A complete system can be described on a system sheet, where all parameters and special conditions could be included.

RECOMMENDED PAINTING SYSTEM

The following Primer are recommended for Subakyd EX Topcoat:

Primer

- Subakyd EX Primer

For the choice of coating system for different application, refer to the product brochure or contact Tsubasa Paint for professional recommendation.

PACKAGING

Unit	Volume	Container Size
18L	18L	20L
4.5L	4.5L	5L

STORAGE

Shelf life : 24 months (25°C)

Subject to re-inspection thereafter. Higher temperature during storage may reduce the shelf life and may lead to gelling in the tin.

Store in tightly closed container in a dry, cool and well ventilated space, keep away from sources of heat and ignition.

HEALTH AND SAFETY

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

For detailed information on the health and safety hazards and precautions for use of this product, refer to the Material Safety Data Sheet.

DISCLAIMER

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product can be used under conditions beyond our control, we can only guarantee the quality of the product itself. We also reserve the right to change the given data without notice. Minor product variations may be implemented in order to comply with local requirements. If there is any inconsistency in the text the English (UK) version will prevail.