

PRODUCT DESCRIPTION

Subaxy Shop Primer is a single component, fast dry, designed to curing at room temperature or under baking conditions, suitable for more types of substrates, providing excellent adhesion, and easy application.

INTENDED USE

As a pre-construction primer on blast cleaned steel surfaces in automatic shoppriming plants to protect steel during transport, storage and production.

Suitable as a holding primer for corrosion classes, ISO 12944

GENERAL PROPERTIES

| | |
|-------------------------|----------------------------|
| Colour | : Grey White |
| Gloss Level | : Matt |
| Volume Solids, % | : 23 ± 2 % |
| Specific Gravity | : 1.18 ± 0.05 kg/l |
| Flash point | : 27°C |
| VOC | : 700 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.

Bare steel

Bare steel should be prepared with abrasive blast cleaning to Sa 2½ (ISO 8501-1:2007), to achieve surface profile 50 – 85 µm.

Other Surfaces

The coating may be used on other substrates. Please contact your local Tsubasa Paint office for more information

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 : 11.5 m²/liter at 20 µm DFT
Thinner : Subaxy Shop 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" – 0.021"
Pressure at nozzle : 100-150 kg/cm²

Typical Thickness : 15 - 25 µm, dry film
65 - 109 µm, wet film

Drying Time : Substrate Temperature : 25°C 40°C
Surface Dry : 10mins 5mins
Through Dry : 1hr 0.5hr
Cured : 7days 3.5days
Dry to recoat (min) : 1hr 0.5hr
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 paint system is recommended for Subaxy Shop Primer:

On Sa 2½, 1 coat x 20µm dry film thickness.

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 |
|------|--------|----------------|
| 4.5L | 4.5L | 5L |
| 18L | 18L | 20L |

STORAGE

Shelf life : 12 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.