

**PRODUCT DESCRIPTION**

One-component, fast drying anticorrosive primer, based on modified alkyd binder and special additives.

**FEATURE**

- Application:
- at subzero temperatures.
- Provides:
- extremely short drying time;
  - increased film strength;
  - less toxicity compared to lead driers;
  - storage stability without deteriorating the quality of drying.

**RECOMMENDED TO USE**

- Steel surfaces:
- for structures in medium, high, very high and extreme atmospheric corrosivity categories C3, C4 and C5 (ISO-12944-2 / 2018);

**COMPATIBLE COATINGS**

- Depending on the operating conditions the material can be used with different types of coatings.
- Single pack, moisture cured polyurethane coatings (1pack PUR) of Welesgard.
  - Single pack alkyd (1pack AK) or acrylic (1pack AY) coatings of Welesgard.

**For details, please contact Welesgard Technical Sales Support.**

**TECHNICAL DATA**

Appearance	
Color:	Grey or Brown-Red
Appearance:	Matt coating
Material properties	
Volume solids:	50 ± 2 %
Density:	1,45±0,05 g/cm <sup>3</sup>
Adhesion (ASTM D4541):	4 MPa

**SURFACE PREPARATION**

Surface type	Minimum	Recommended
Surface profile	Ry5 (30-75 µm) (ISO 8503-1)	Ry5 (30-75 µm) (ISO 8503-1)
Steel surfaces	St 2 (ISO 8501-1)	Sa 2½ (ISO 8501-1)

**AMBIENT CONDITIONS**

<b>Air temperature:</b>	from -15 to +50 °C
<b>Surface temperature:</b>	from -15 to +50 °C
<b>Relative humidity:</b>	85 %
<b>Dew Point:</b>	at least 3°C higher than steel temperature

**Note:** The temperature of the material during application should not be below + 10 ° C.

**THICKNESS & THEORETICAL SPREADING RATE**

	Min.	Med.	Max.
<b>Dry Film Thickness:</b>	30 µm	60 µm	80 µm
<b>Wet Film Thickness:</b>	60 µm	120 µm	160 µm
<b>Spreading Rate:</b>	16.7 m <sup>2</sup> /l	8.3 m <sup>2</sup> /l	6.3 m <sup>2</sup> /l

**Note:** Practical coverage depends on wind conditions, structure to be painted, roughness of the surface and application method.

**DRYING TIME**

For DFT of 60 µm	5°C	10°C	23°C	45°C
Dry to touch	2 h	1 h	30 min	18 min
Dry to recoat	4 h	2 h	1 h	30 min
Fully cured	8 d	6 d	5 d	3 d

**Note:** Drying and curing time determined at controlled temperature and relative humidity (RH) 60 - 80%.

**For details, please contact Welesgard Technical Sales Support.**

**APPLICATION DATA**

**Stirring:** It is a single pack ready to use material. Prior to use, it must be thoroughly stirred with a low speed mixer, avoiding air entrapment. Constant stirring is not required. Before opening and stirring the temperature of material must be at least 3°C above the dew point.

**Thinning:** The addition of thinner is usually not necessary. If necessary WG-Welethinner AA could be added up to 10% by volume.

**Cleaning:** WG-Welethinner AA.

**For details, please contact Welesgard Technical Sales Support.**

**APPLICATION METHODS****Spray application:**

Airless spray is the main method of application. For other spraying methods, viscosity correction may be required.

**Brush:** Recommended for stripe coat application or minor repair touch-up only.

**Roller:** Prohibited to use roller for application of priming coat. Roller could be used to build up the dry film thickness.

**PACKAGING**

Volume (Kg)	Size of containers (liters)
25	20

**STORAGE & SHELF LIFE**

The product must be stored in original sealed containers. The storage conditions are to keep the containers in a dry, well ventilated space away from source of heat and/or ignition.

<b>Storage temperature:</b>	<b>from 5 to 30 °C</b>
<b>Shelf Life</b>	1.5 years

**Note:** After lasting storage primer shall be stirred thoroughly until its precipitation is spread over the suspension homogeneously. Precipitation in primer does not change its properties or worsen its quality.

After the expiration date has passed, it is necessary to check the quality of the paint material.

**SAFETY**

Use with adequate ventilation. Do not inhale aerosol. Avoid contact with skin. After contact with skin, wash immediately with detergent, soap and water. In case of contact with eyes, rinse immediately with water and seek medical advice immediately.

**For detailed information on the health and safety protection for use of this product, see Safety Data Sheet (SDS).**

**IMPORTANT NOTE**

The above-mentioned information is given according to our laboratory tests and practical application experience. The manufacturer takes into consideration the fact that the material can be used out of control; the manufacturer cannot give guarantees except of the material quality. The manufacturer has the right to improve the product and change the above-mentioned data without preliminary notification.

**THE PRESENT TECHNICAL DATA SHEET REPLACES ALL PREVIOUS EDITIONS.**