

### PRODUCT DESCRIPTION

One-component quickly-drying shop-primer based on combination of binders and mix complex of zinc pigment (of spherical and platelet shape) for improving anticorrosive properties.

### FEATURE

Provides:

- welding without removing the primer;
- temporary protection of steel for a period of 3 years;
- over-coating with most types of the paints;
- no limitation to the maximum interval for the next coat application.

### RECOMMENDED TO USE

Steel surfaces:

- use as shop-primer to protect steel plates after abrasive blast cleaning, including automatic shot-blasting line.

### COMPATIBLE COATINGS

Depending on the operating conditions the material can be used with different types of coatings.

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

### TECHNICAL DATA

Appearance	
Color:	Grey
Appearance:	Matt
Material properties	
Volume solids:	25±2 %
Density (at +20°C):	1.13 ± 0.02 kg/ltr
VOC value:	660 g/l
Dry heat resistance (ASTM D2485)	120°C

### SURFACE PREPARATION

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

### AMBIENT CONDITIONS

Air temperature:	from 0°C to +55°C
Surface temperature:	from 0°C to +55°C
Relative humidity, below:	85%
Dew Point:	at least 3°C higher than steel temperature

### THICKNESS & THEORETICAL SPREADING RATE

	Min.	Med.	Max.
Dry Film Thickness:	15 µm	20 µm	25 µm
Wet Film Thickness:	60 µm	80 µm	100 µm
Spreading Rate:	16.7 m <sup>2</sup> /l	12.5 m <sup>2</sup> /l	10.0 m <sup>2</sup> /l

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

### DRYING TIME

At a temperature of +23°C and DFT 20 µm :

Dry to touch	3-5 min
Dried to transport	10-15 min

**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 painting material is diluted depending on the spray equipment with the solvent **WG-Welethinner SP** according to the table below:

**Note:** In the case of using thinner other than those recommended, the manufacturer is not responsible for any possible reduction in the quality of the coating!

**Cleaning:**

After work all equipment shall be cleaned with the thinner WG-Welethinner SP.

**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 stipe coat application or minor repair touch-up only.

**Roller:**

Use of the roller is strictly prohibited.

**PACKAGING**

Volume (liters)	Size of containers (liters)
10	10

**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 ignition.

<b>Storage temperature:</b>	<b>from 5°C to 30°C</b>
<b>Shelf Life</b>	18 months

**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.**