

PRODUCT DESCRIPTION

One-component moisture curing polysiloxane coating.

FEATURE

Provided:

- excellent repulsion and ease elimination of permanent markers and spray paints;
- excellent resistance of external surfaces to such influences as: precipitation, sun and high temperatures.

RECOMMENDED TO USE

Steel and concrete surfaces:

- as a protection for concrete, brick and metal surfaces.

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:	Transparent
Appearance:	Gloss coating
Material properties	
Volume solids:	50 ± 2 %
Density (at +20 °C):	0.9 ± 0.05 g/cm ³
VOC value:	460 g/l

SURFACE PREPARATION

Surface type	Minimum	Recommended
Steel surfaces	Applied appropriate Welesgard coatings. Clean surface with cleaning solution, rinse with water.	Applied appropriate Welesgard coatings. Clean surface with cleaning solution, rinse with water.
Concrete Surfaces		

AMBIENT CONDITIONS

Air temperature:	from -15 to +40 °C
Surface temperature:	from -15 to +40 °C
Relative humidity:*	85 %
Dew Point:	at least 3°C higher than steel temperature

Note: - Do not apply coating during rain or snow, or if precipitation is expected before the applied coating becomes dry to touch.

For details, please contact Welesgard Technical Sales Support.

THICKNESS & THEORETICAL SPREADING RATE

	Min.	Middle	Max.
Dry Film Thickness:	50 µm	100 µm	150 µm
Wet Film Thickness:	100 µm	200 µm	300 µm
Spreading Rate:	10 m ² /l	5 m ² /l	3.33 m ² /l

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

DRYING TIME

For DFT of 70 µm	-10°C	0°C	5°C	10°C	23°C	40°C
Dry to touch:	4 h	3 h	2 h	1.5 h	1 h	45 min
Dry to recoat with itself, min:	10 h	10 h	7 h	5 h	3 h	1 h
Dried to handle:	14 h	9 h	7.5 h	6 h	4.5 h	1.5 h
Dry for service:	40 h	36 h	27 h	24 h	20 h	18 h

Note: - Drying and curing time determined at controlled temperature and relative humidity (RH) less than 85%.

- There is no maximum overcoating interval.

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 dew point.

Thinning:

The addition of thinner is usually not necessary. If necessary WG-Welethinner AA can be added up to 10 % to the volume.

Note: If other than recommended thinners are used the manufacturer is not responsible for deterioration of coating quality.

Cleaning:

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

For details, please contact Welesgard Technical Sales Support.

APPLICATION METHODS

Spray application:

It is possible to use all common spraying methods (airless and air-assisted methods). Depending on the spray method, a viscosity adjustment may be required.

Brush:

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

Roller:

The roller can be used for application, repair and a buildup of missing dry film thickness.

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/or ignition.

Storage temperature:	from 5 to 30 °C
Shelf Life	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.