

HERESHIELD AL SED 70 3 BLACK MONOCOMPONENT

RECOMMENDED USE

Suitable for use on carbon steel by KTL.

Indicated for use on carbon steel.

Used as primer and topcoat with anticorrosive protection on phosphated or degreased carbon steel surfaces. Recommended for painting machinery, equipment, agricultural implements, and metal structures.

Provides excellent adhesion and anticorrosive protection on phosphated or degreased carbon steel. Recommended for painting machinery, equipment, agricultural implements, and metal structures.

PACKAGING

Single Component

20L Package containing 20L

CHARACTERISTICS

Color	Black.
Gloss	Semi-Gloss
VOC content	172.78 g/l
VOC content	1.44 lb/gal
Volume Solids	30 ± 5% (ISO 3233)
Solids by Weight	44 ± 2 %
Shelf Life	6 months
Dry Film Thickness	25 µm - 35 µm
pH	9,0
Theoretical Coverage	10,00 m ² /l without dilution at a dry film thickness of 30 µm. Loss factors during application are not considered.
Specific Gravity	Min: 1.05 Max: 1.11 g/cm ³
Viscosity	20 - 24" CF4
Supply Viscosity	40 - 50" CF4

DRYING

Oven Drying

	25 °C	170 °C
Flash off Time	5 - 10 min	15 min

SURFACE PREPARATION

Standard Surface Preparation

The performance of this product is related to the degree of surface preparation. In case of doubts, for more information, consult WEG's Technical Department.

For more information, consult the WEG Coatings Technical Department.

APPLICATION PREPARATION

Mixing Ratio	MONOCOMPONENT
Thinner	WATER
Dilution	Depending on the application method, dilute from 5-10%.
Notes	The amount of Diluent may vary depending on the type of equipment used and environmental conditions during



application. Only add Diluent after complete mixing of the other components. Do not dilute with solvents not allowed by local legislation, and do not exceed the indicated dilution percentage. Excessive dilution may affect film formation, appearance, and make it difficult to achieve the specified thickness.

Pot Life

Not relevant.

APPLICATION METHODS

Conventional Spray Gun

Conventional spray gun or by immersion.

Immersion

The product must be maintained at a pH of 8.0 - 9.0. If variations occur, correct the product pH using WEG pH adjustment solution. We recommend internal tank cleaning every 3 months.

Cleaning of the equipments:

WATER

Notes

The data presented serves as a guide and similar equipment may be used.
After mixing two-component products, if there are application stops and the pot life has been exceeded (paint shows variation in flow), it can no longer be re-thinned for later application.
Reinforce all sharp corners, gaps, and weld beads with a brush to avoid premature failures in these areas.
Clean all equipment immediately after use.
Do not leave material in hoses, guns, or equipment used for spraying. Thoroughly wash all used equipment.
It is considered good practice to periodically wash the spraying equipment during the day. The cleaning frequency depends on the amount sprayed, temperature, and elapsed time, including all delays.

SAFETY PRECAUTIONS

Product developed for industrial use intended for handling by qualified professionals. Carefully read all information contained in the SDS of this product, available at: www.weg.net.
Store in a covered and well-ventilated place. Keep the container tightly closed and away from sources of heat or ignition.
Use only in well-ventilated areas, avoiding the accumulation of flammable vapors. Keep the product away from heat and sources of ignition.
Do not inhale mists/vapors/aerosols generated during handling and/or application. Use protective gloves/protective clothing/eye protection/face protection.
Empty containers and materials with paint residues must be disposed of according to current legislation. Take care of the environment.

NOTE

The information contained in this technical bulletin is based on the experience and knowledge acquired in the field by WEG's technical team.
In the event of using the product without prior consultation with WEG regarding its suitability for the purpose for which the customer intends to use it, the customer acknowledges that the use will be at their own exclusive responsibility, and WEG is not liable for the behavior, safety, suitability, or durability of the product.
Some information mentioned in this bulletin is only an estimate and may vary due to factors beyond the manufacturer's control. Therefore, WEG does not guarantee and assumes no responsibility for performance, efficiency, or any material or personal damages resulting from the incorrect use of the products in question or from the information contained in this Technical Bulletin.
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