TECHNICAL DATA SHEET

W-POXI HSM 30 RU

PRODUCT DESCRIPTION

High-solids two-component polyamide epoxy putty. Low volatile organic compounds (Low VOC). Can be applied in high-build single coat directly on the substrate.

RECOMMENDED USE

Used to repair imperfections on horizontal and vertical areas on steel and concrete substrates, tank interiors, floors, and fibers. With low VOC content, it is suitable for confined area use.

CERTIFICATIONS AND APPROVALS

When supplied to comply with the ROHS Directive (Restriction of Certain Hazardous Substances), this product includes the letter R in its nomenclature description.

PACKAGING

Component A	0.95 US gal Package containing 0.95 US gal
Component B	0.95 US gal Package containing 0.95 US gal

CHARACTERISTICS

Color	Green.
Gloss	Semi-Gloss
VOC content	0.05 lb/gal
Volume Solids	98 ± 2% (ISO 3233)
Shelf Life	24 months
Dry Film Thickness	19.7 mils - 78.7 mils
Dry Heat Resistance	Maximum temperature 248 °F. The product maintains its chemical properties up to a temperature of 248 °F, but from 140°F, color and gloss variations in the paint may occur.
Theoretical Coverage	31.8 ft²/gal without dilution at a dry film thickness of 49.2 mils. Loss factors during application are not considered.

DRYING

Drying

	50 °F	77 °F	95 °F
Final	216 hours	168 hours	144 hours

Recoat Drying

	50 °F	77 °F	95 °F
Minimum	6 hours	4 hours	3 hours
Maximum	24 hours	24 hours	24 hours

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.

The surface must be clean, dry, and free of contaminants. Completely remove oils, greases, and fats according to SSPC-SP1.

Sanding

For fiber surfaces: sand and remove dust and impurities. For fillers or metal surfaces: sand until complete gloss removal, followed by cleaning dust and other impurities.

Maintenance and Repair

NOTE: Respect the recoating interval for subsequent coat application. If exceeded, perform light manual/mechanical sanding to break the previous coat gloss, followed by dust and residue cleaning to ensure better adhesion between paint layers.

APPLICATION PREPARATION

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Mixing	Homogenize the component content with a spatula. Ensure no pigment remains at the bottom of the container. Add component B to component A respecting the mixing ratio. Mix thoroughly with the spatula.
Mixing Ratio	By volume: 1 A x 1 B.
Thinner	Not applicable.
Dilution	Ready to use.
Pot Life	1 h The shelf life of the mixture is reduced as the ambient temperature increases. The pot-life test of the mixture is carried out according to ABNT NBR 15742; however, different volumes of paint prepared at once, combined with varying ambient and paint temperatures, will affect the mixture's shelf life, potentially resulting in outcomes different from those stated in this technical bulletin.

APPLICATION METHODS

Squeegee, Spatula and Trowel	Apply by spreading.
Cleaning of the equipments:	Not applicable.
Notes	The data presented serves as a guide and similar equipment may be used. Do not allow catalyzed product to remain in contact with application equipment, as at temperatures above the indicated "pot life", the paint will show variation in flow and will harden, making cleaning difficult. Before application, ensure that the equipment and respective components are clean and in optimal condition. 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. Clean all equipment immediately after use.

APPLICATION PERFORMANCE

For coatings applied in coastal areas exposed to sea spray, it is recommended to wash with fresh water between coats to remove deposited impurities.

Do not apply the product after the pot life has been exceeded.

For optimal application properties, the paint temperature must be between 69.8°F - 80.6°F before mixing and application.

We recommend painting only if the measured surface temperature is at least 5.4°F above the dew point.

Substrate temperature, climatic and environmental conditions during application and curing, as well as applied film thickness, may affect drying time.

Must not be applied under adverse conditions, such as relative humidity (RH) above 85%, as color and appearance changes may occur.

Small variations in color, appearance, and gloss (more noticeable in dark colors), as well as delayed curing and performance compromise, may occur during high humidity, rainy days, cold locations, or when parts dry outdoors.

Epoxy-based products are known for their excellent anticorrosive properties and low resistance to sun exposure. When the applied film is exposed to weathering, over time it will lose gloss, a phenomenon known as chalking, which consequently alters its color. It is important to note that, despite this chalking, the film's anticorrosive protection is not compromised.

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.

The information contained in this technical bulletin is subject to periodic modifications, without prior notice, due to our policy of continuous improvement and evolution of our products and services, providing quality solutions to meet the needs of our customers.

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