



ENERFAB™
LININGS GROUP

TECHNICAL DATA SHEET

ENERFAB™ LASTIGLAS™/MUNKADUR PL261 CHEMICAL RESISTANT COATING

PRODUCT DESCRIPTION

LASTIGLAS/Munkadur PL261 is a 100% solids, two-component epoxy hot spray coating resin. Its broad spectrum chemical resistance provides protection in aggressive environments. **LASTIGLAS/Munkadur PL261** may be used directly over approved metals or cementitious substrates.

FEATURES/BENEFITS

- Meets FDA 175.300 approval
- Provides outstanding chemical resistance to a broad range of acids, alkalis, and solvents
- Is 100% solids, zero VOC
- Contains no aromatic amines
- Exceptionally high Tg

TYPICAL USES

LASTIGLAS/Munkadur PL261 should be used in areas where maintenance of a high performance chemical resistant epoxy system is required.

LASTIGLAS/Munkadur PL261 has no offensive solvent odor during installation.

PACKAGING

Product #	Package	Part A	Part B
PL261	50 gal drum	1 x 50 gal	1 x 50 gal

NOTE: Repair kits available in two 2 oz tubes.

TYPICAL PHYSICAL PROPERTIES

Mix Ratio A:B	1:1	Resistance to Elevated Temperatures	No slip or flow at required temperature of 167°F
Color	Steel Gray	Adhesion	
Solids, by volume	100%	ASTM D 4541	Concrete 350 psi
VOC (Volatile Organic Content)	- 0 -		100% concrete failure
Viscosity, mixed @ 140°F	220 cps	ASTM D 1002	Steel 1,200 psi
Coverage @ 20 mils (20% loss)	64 sq. ft.		Minimum 2-3 mil profile
Pot Life, 100 grams mass @ 140°F	3.5 minutes	Abrasion Resistance	0.05 grams lost
ASTM D 2471		ASTM D 4060	CS-17 wheel
Cure Time @ 73°F, 50% RH		Flammability	Self-extinguishing
	Dry to Touch 4 hours	ASTM D 635	over concrete
	Full Cure 24 hours	Sag Resistance, single pass	20 mils
Hardness, Shore D	85	Impact Resistance	
ASTM D 2240		Direct, inch pound	120 in. / lb.
		Reverse, inch pound	80 in. / lb.
		ASTM D 2794	

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LIMITATIONS

- Substrate must be structurally sound, dry and free of bond inhibiting contaminants.
- During installation and initial cure cycle substrate and ambient air temperature must be at a minimum of 50°F. Substrate temperature must be least 5°F above the dew point.
- Extinguish all sources of ignition during the entire installation cycle.
- Strictly adhere to published coverage rates.
- Two-component heated spray equipment must be used.

SURFACE PREPARATION

Proper inspection and preparation of the substrate to receive **LASTIGLAS/Munkadur PL261** is critical. NACE No. 2 / SSPC-SP-10 Near White Metal Blast is required for steel.

APPLICATION

• MATERIAL DELIVERY AND STORAGE

Store **LASTIGLAS/Munkadur PL261** in a temperature controlled environment, 50° F (10° C) to 80° F (26° C), and out of direct sunlight. Keep resins, hardeners, and solvents separated from each other and away from sources of ignition. Shelf life is one year in original, unopened containers stored at temperatures lower than 80° F (26° C).

• INSTALLATION

We understand that you want the system installed right the first time. ENERFAB only utilizes its own highly trained personnel to perform all work including surface preparation, application of ENERFAB's proprietary product, and quality inspection.

NOTE: Epoxy materials may tend to blush at the surface especially in humid environments. After surface is primed and before installation of each subsequent coat, surface must be examined for blush (a whitish greasy film and/or low gloss). The blush must be completely removed prior to recoating using warm detergent water or through solvent wipe.

• EQUIPMENT

Plural component with heated lines and tank.

CHEMICAL RESISTANCE

For chemical resistance information, consult Enerfab Chemical Resistance Guide and/or consult Enerfab's Lining Service Department..

SKID INHIBITION AND EASE OF CLEANING

Skid inhibition and ease of cleaning properties can be adjusted to meet your specific needs. Aggressive skid inhibition makes cleaning more difficult.

MAINTENANCE

For maintenance information, consult Enerfab Lining Service Department.

WARRANTY

The sale of ENERFAB products is governed by the Standard Terms and Conditions of Sale. ENERFAB makes the following **LIMITED WARRANTY** that its products have been supplied free from manufacturing defects, and will conform to ENERFAB manufacturing standards. Technical data furnished is true and accurate to the best of our knowledge; however, no guarantee of accuracy is given or implied. This Limited Warranty shall not apply in the case of damage beyond the scope and protection of the products, exposure of the products to solvents and/or higher concentrations of acids than that for which the products are designed and loss of bond due to hydrostatic pressure, vapor pressure, capillary action or moisture from within, under or adjacent to the concrete surface.

ENERFAB's LIABILITY SHALL NOT EXCEED REPLACEMENT OF OR RETURN OF THE PURCHASE PRICE FOR THE PRODUCTS WHICH IT MAY SELL WHICH MAY PROVE TO BE DEFECTIVE UNDER NORMAL USE AND SERVICE WITHIN ONE YEAR FROM DATE OF SALE AND WHICH UPON EXAMINATION BY ENERFAB SHALL DISCLOSE, TO ENERFAB's SATISFACTION, TO BE DEFECTIVE. IN NO EVENT SHALL ENERFAB BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, BUYERS LOSS OF MATERIAL OR PROFITS, INCREASED EXPENSE OF OPERATION, BODILY INJURY, LOSS OF USE OF PROPERTY, OR DOWNTIME. ENERFAB MAKES NO IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE. THE BUYER HEREBY EXPRESSLY WAIVES ANY CLAIM TO ADDITIONAL DAMAGES.

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