

Epoxy Mortar Systems



Typical Applications:

Forklift Traffic Areas
Steel Wheel Traffic Areas
Food & Dairy Industry
Paper & Pulp Industry
Machine Areas
Cold Storage Areas

Special Formulations

Regular- heavy duty, impact and abrasion resistant

Acid Resistant- strong resistance to acids, caustics and other harsh chemicals

Food Processors- resist thermal shock and repeated contact with hot water and steam

Freezer Form- for applications as low as 25 degrees F or as quick patch

Artic Form- a patch material for temperatures at or below 0 degrees F.

Epoxy Mortar is a heavy duty, troweled floor topping that can be used to patch or resurface concrete, metal, and wood floors. It is composed of a unique blend of aggregates and polymer resins. The product offers superior durability and resistance to heavy traffic. When applied at 1/4 inch thickness over concrete, it has higher impact and abrasion resistance than a six inch concrete slab.

Epoxy Mortar also withstands the abuse of a wide range of chemicals, acids, alkalies, fatty greases, salts, and solvents. The product can be troweled directly onto the floor without prior application of a bonding agent and it can also be used to repair holes and complete other patch jobs.

Contact us today for more information...800.831.5600.

NPI

National Polymers Inc.

Epoxy Mortar Systems

TECHNICAL INFORMATION

(Values are typical and not specifications)

For more detailed information see our technical data sheets for each product.

Product	NP Code	Use (Coat)	Solids by weight (%)	Chemical Resistance	UV Stability	Wet Film Thickness	Coverage per Gallon
Power Trowel Primer	162	Primer	100	Good	N/A	6-10 mils	160-267 sq. ft.
Epoxy Mortar Resurfacer	110PT	Mortar	100	Good	Good	Up to 1/4"	will vary according to liquid to sand ratio
Chemical Resistant Mortar	120PT	Mortar	100	Good	Good	Up to 1/4"	will vary according to liquid to sand ratio
Quickset Epoxy Mortar	124	Mortar	100	Good	Good	Up to 1/4"	20.58 sq ft @ 1/4" 41.17 sq ft @ 1/8"
Artic Formula Epoxy Mortar	128	Mortar	100	Good	Good	Up to 1/4"	5.98 sq ft @ 1/4" 11.96 sq ft @ 1/8"
Epoxy Grout Coat	94	Topcoat	100	Good	Good		100-150 sq ft per gallon
Epoxy Grout Coat (Stipple Finish)	95	Topcoat	100	Good	Good		100-150 sq ft per gallon

CURE SCHEDULE

(Cure times based on application temperature of 70 degrees F.)

	Pot Life	Recoat/Topcoat	Light Foot Traffic	Full Cure
Power Trowel Primer-162	20-30 mins.	Screed mortar while 162 is still wet "Do not allow to dry"		2-7 days
Power Trowel Epoxy Mortar Resurfacer-110	30-40 mins.	7-8 hrs.	14-16 hrs.	2-7 days
Power Trowel Epoxy Mortar Resurfacer-120	30-40 mins.	6-7 hrs.	12-14 hrs.	2-7 days
Quickset Epoxy Mortar-124	10-15 mins.	3-4 hrs.	6-8 hrs.	2-7 days
Artic Formula Epoxy Mortar-128	2-4 mins.	1-2 hrs.	2-4 hrs.	1-3 days
Epoxy Mortar Grout Coat-94	20-30 mins.	9-14 hrs.	14-18 hrs.	2-7 days
Epoxy Texture Coating and Grout-95	13-23 mins.	8-12 hrs.	12-18 hrs.	3-7 days