



Epoxy Mortars

Forklift Traffic Areas

Steel Wheel Traffic Areas

Food & Dairy Industry

Paper & Pulp Industry

Machine Areas

Cold Storage Areas

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.

**CALL US TODAY FOR
MORE INFORMATION
800-831-5600!**

***SPECIAL FORMULATIONS:
Regular– heavy duty, impact and abra-
sion 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***

***Arctic Form– a patch material for tem-
peratures at or below 0 degrees F.***

NPI

National Polymers Inc.

Epoxy Mortars

TECHNICAL INFORMATION

**Values are typical and not specifications*

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

CURE SCHEDULE

Cure times based on application temperature of 70 °

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