

MasterEmaco® P 130

Fast-setting epoxy primer for concrete surfaces

FORMERLY NITOPRIME® 30

PACKAGING

3 GAL (11.4 L) KITS

- Part A: 2 gal (7.6 L)
- Part B: 1 gal (3.8 L)

YIELD

150–200 ft² per gal (3.7–7.4 m²/L),
depending on substrate texture
and porosity

STORAGE

Store and transport in unopened
containers in a cool, clean, dry area.
Keep from freezing.

SHELF LIFE

2 years when properly stored

VOC CONTENT

0 g/L less water and exempt solvents

DESCRIPTION

MasterEmaco P 130 is a two-component low viscosity 100% solids fast-setting epoxy primer for concrete. It is used to consolidate concrete surfaces and enhance the adhesion of Master Builders Solutions epoxy coatings.

PRODUCT HIGHLIGHTS

- Low viscosity ensures maximum penetration into concrete
- Excellent adhesion provides secure bonds to concrete
- Prepackaged kits for easy mixing and application
- Fast setting, ready for protective coatings in 3–4 hours
- Moisture insensitive product can be applied to either dry or damp surfaces
- 100% solids for no solvents, zero VOCs, and low odor

APPLICATIONS

- Horizontal surfaces
- Interior
- Before applying MasterProtect® 170 CR and MasterProtect 100 CR
- For priming metal (repaired to near-white metal conditions according to SSPC-SP10)

SUBSTRATES

- Concrete
- Masonry
- Metal

HOW TO APPLY

SURFACE PREPARATION

1. Concrete substrates must be fully cured (28 days), clean, and sound; they can be dry or damp but with no standing water.
2. Remove all grease, oil, chemical contamination, dust, laitance, and loose concrete by mechanical profiling to ICRI CSP 4 to provide a sound substrate.
3. Complete all necessary repairs prior to application and allow surface to reach loadbearing strength.

MIXING

1. Precondition all components to 70° F (21° C) for 24 hours before using.
2. If the entire kit of MasterEmaco P 130 will not be used, smaller quantities can be mixed in the ratio of 2:1 (A:B) Mix ratios are critical; measure carefully.
3. Premix each of the components thoroughly, until homogeneous, using a Jiffy paddle attached to a low-speed (400–600 rpm) heavy-duty drill.
4. In a separate mixing vessel add Part A, then Part B. Stir until uniform in color without streaks, approximately 3 minutes. Scrape the sides of the containers, removing as much material as possible to ensure correct mixing ratios.

Technical Data

Composition

MasterEmaco P 130 is a two-component 100% solids epoxy.

Typical Properties

PROPERTY	VALUE
Solids , %, by volume	100
Mix Ratio , by volume, A to B	2 to 1
Viscosity , mixed, cps, at 77° F (25° C)	800
Pot life (100 g) , min, 100g	
50° F (10° C)	30
70° F (21° C)	15
85° F (29° C)	5
Cure times , tack free, hrs	
50° F (10° C)	4–6
70° F (21° C)	2–4

Test results are averages obtained under laboratory conditions. Expect reasonable variations.

All application and performance values are typical for the material, but may vary with test methods, conditions, and configurations.

Unless otherwise noted, test samples were cured 7 days at 73° F (23° C) and 50 % relative humidity.

APPLICATION

1. Brush, squeegee, or roll the mixed MasterEmaco P 130 onto the prepared concrete surface. Take care to avoid puddling in depressions.
2. If the primer is absorbed within 30 minutes, apply a second coat. If the primer becomes contaminated, it must be sanded and reapplied.
3. Apply MBT protective coatings after the primer is tack free—approximately 3–4 hours. Maximum recoat time is 48 hours.

CLEAN UP

- Clean equipment immediately after use with xylene.
- Clean hands and skin immediately with soap and water, industrial hand cleaner, or denatured alcohol.
- Cured material must be removed mechanically.

FOR BEST PERFORMANCE

- Minimum air, substrate, and material application temperature is 50° F (10° C). Lower temperatures will significantly slow curing time.
- Do not apply if temperature exceeds 90° F (32° C). Large quantities of mixed material and high ambient temperatures will reduce pot life significantly.
- For professional use only; not for sale to or use by the general public.
- Make certain the most current versions of product data sheet and SDS are being used; visit www.master-builders-solutions.com/en-us to verify the most current version.
- Proper application is the responsibility of the user. Field visits by Master Builders Solutions personnel are for the purpose of making technical recommendations only and are not for supervising or providing quality control on the jobsite.

HEALTH, SAFETY AND ENVIRONMENTAL

Health, Safety and Environmental Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting www.master-builders-solutions.com/en-us, e-mailing your request to mbsbscst@mbcc-group.com or calling 1(800)433-9517. Use only as directed.

IN CASE OF EMERGENCY: Call CHEMTEL +1 (800) 255-3924 or if outside the US or Canada, +1 (813) 248-0585.

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