



PRIMIT, E6-111

Epoxy Primer
Concrete Penetration

Uses

It is a modified two-component epoxy primer, which cures coating with excellent resistance to water, splashes of mineral oils, aliphatic hydrocarbons, and abrasion and impact. Limited resistance to aromatic and stronger solvents, acids and oxidizing materials.

CURING AGENT 114-CA, polyamine, is typically for use above 5°C/41°F.

Excellent for both Grinded & Etched and manually prepared concrete surfaces.

Excellent on correctly prepared steel surfaces.

Environment & Health

Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken. For more information, please refer to the safety datasheets for the individual components

Packaging

The product is supplied in full units as a 2-component pack.

PRIMIT E6-114	12 Litres
PRIMIT Hardener	4 Litres

Curing Times

Dry to touch	4 hours
Hard dry	One day
Full curing	Seven days
Recoat interval, Min	8 hours
Recoat interval, Max	14 days, see REMARKS

Additional Information

Colours	Clear
Finish	Gloss
Solid Content (by Volume)-%	50±2
Theoretical spreading rate	one kit /200 sqm depends on concrete quality
Flashpoint	28°C/83°F
Specific gravity	0.99 kg/lit-9.17 lbs/US gallon
V.O.C.	Max. 560 gr/lit
Shelf life	1 Year (25°C / 77°F) from the time of production. Depending on storage conditions, mechanical stirring may be necessary before use.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per ASTM F2170 (AS1884:2012).



UV Resistant



Chemical Resistant



Water Resistant



Heavy Duty

Surface Preparation

Concrete should be finished with a steel trowel. Surface preparation is to be completed by totally enclosed light shot blasting (please note this may leave track and blast lines, which will not be covered) or diamond grinding to a minimum CSP2 prior to any coating application. For proper methods, refer to ICRI's Technical Guideline No. 03732. All cementitious laitance must be removed to expose a sound substrate and provide a dry, dust-free, open-textured surface. All hard-to-reach areas and areas around the perimeter must be prepared using handheld preparation equipment. Any damaged areas must be repaired with QUICK FILL mortar. Consult Chemstuk prior to using an alternative repair mortar.



Low Maintenance



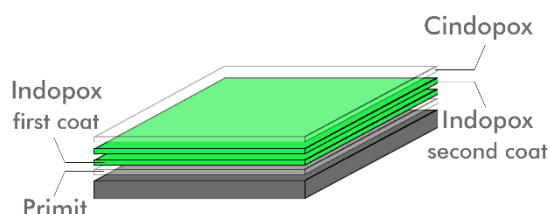
Wear Resistant



Easy Application

Mixing

Stir Base A to re-disperse any settlement. Decant the required amount of Base A into a clean container by weight using digital scales. Add Hardener B to the Base A container and drain thoroughly. Mix with a slow-speed drill and helical spinner head for 60 seconds, taking care not to entrain air. Mix until uniform.



Application Method

Method	Roller	Brush (touch-up)
Thinner (max. vol.)	-	-
Spray setting	NA	
Pump ratio minimum	NA	
Tip size	NA	
Tip pressure	NA	
Cleaning of tools	EX-T-1	
Indicated film thickness, dry	100 micron	
Indicated film thickness, wet	200 micron	

Conditions: Do not apply when relative humidity exceeds 80% or when the surface to be coated is less than 3°C above the dew point.

Storage

Time	12 Months in Unopened Packs.
Temperature	Storage temperature between 5°C and 35°C.
Protection	Should be stored inside and protected from frost, weather, moisture, direct sunlight and contamination ingress.

Remarks

Preceding Coat	-
Subsequent Coat	Indopox, Polyurit

A completely clean surface is mandatory to ensure inter-coat adhesion, especially at long recoating intervals. Any dirt, oil, and grease must be removed, e.g., with a suitable detergent. Salts should be removed by freshwater hosing. To check the adequate quality of the surface cleaning, a test patch is recommended before actual recoating.

Film Thickness

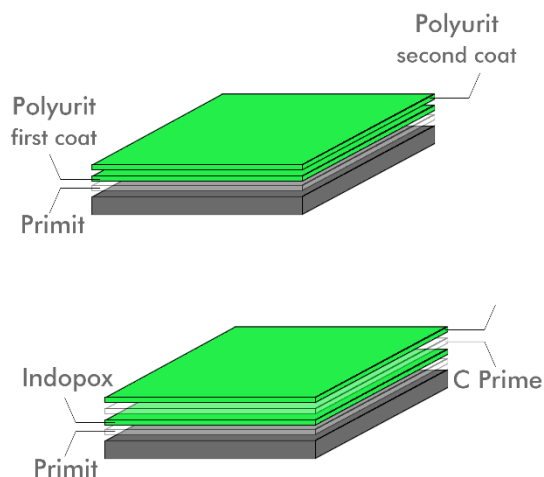
It may be specified in another film thickness than indicated, depending on the purpose and area of use. This will alter the spreading rate and may

influence drying time and recoating intervals. Normal range is 50-125 microns/ 2-5 mils.

Recoating and drying/curing time

Recoating intervals related to later conditions of temperature:

(40 micron/1.6 mils dry film thickness)



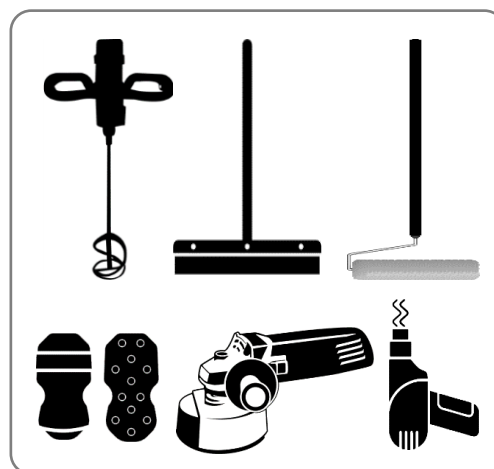
Safety

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult Chemstuk material safety data sheets and follow all local and national safety regulations. Harmful or fatal if swallowed; immediately seek medical assistance. Avoid inhalations of possible solvent vapours or paint mist, as well as paint contact with skin and eyes. Apply only in well-ventilated areas and ensure that adequate forced ventilation exists when applying paint in confined spaces or when the air is stagnant. Always take precautions against the risks of fire and explosions. Please follow the instructions on dangerous goods transport according to Flammable Paint UN 1263 (Part A) and Corrosive Liquid UN 1760 (Part B).

Material Set-Up

Before commencing work, ensure that your material is set up by separating all components (e.g., Base A, Hardener B, Filler C, etc.) to ensure

that all material is correct. Check product labels and ensure there are equal amounts of product.



Site Set-Up

Before commencing work, ensure that your site is set up. Mark the floor according to the specification with masking tape or similar to clearly identify what area (m²) each unit will cover. If this is not achieved (greater or less consumption than the specified amount), immediately stop and contact our technical team.

Application Equipment

The use of correct application equipment is critical, as incorrect application tools can result in poor finishing and incorrect material consumption. Always test the application equipment prior to commencing work. The following equipment is recommended for this application.

DISCLAIMER

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