



# ULTRA PRIMER-60

Admixtures

Surface Treatments

Protective Coatings

Concrete Repairs

Industrial Flooring

Grouts & Anchors,

Adhesives,

Water Proofing

Sealants

## DESCRIPTION

Ultra Primer-60 is a 100% solids, low viscosity, two part epoxy for use in restoring concrete floors and concrete surfaces prior to application of new topping/coating. Ultra Primer-60 ensures strong adhesion between an epoxy topcoat and the substrate, Ultra Primer-60 unique chemistry permits rapid displacement of substrate moisture, allowing for use on damp surfaces without diminishing performance, Do not apply Ultra Primer-60 over standing water.

## ADVANTAGES

- Adhesion to damp concrete
- Strengthens porous substrates
- Bond new concrete to old
- 100% solids, No VOC'S

## HANDLING PROPERTIES

Color	Straw
Mixing Ratio, pbv	2/1
Working Time, min	15-25
Gel Time, min	30-40
Mixed Viscosity, cps	500-800
Tack-Free Time (@ 72°F), h (@ 90°F), h (@ 50°F), h	6-9 5-7 12-16

## PHYSICAL PROPERTIES

Shore Hardness, D scale	78
Compressive strength, psi	12,000
Tensile Strength, psi	3,350
Elongation@break, %	20
Adhesion to concrete	≥500

## Surface Preparation

Ultra Primer-60 is used to strengthen and seal a porous concrete substrate, therefore, adhesion is paramount. To achieve excellent adhesion, the substrate should be free of all loose and foreign materials and should be roughened slightly to provide a coarse profile by shot blasting or other mechanical method.

Before blasting, any contaminates on/in the concrete must be identified. Oils grease fats. Waxes or other contaminates must be removed prior to roughening the concrete, These can be removed with an application of warm (120-140°F or 49-60°C) caustic detergent, steam cleaning or pressure washing. Degrease the floor follow with a hot water rinse, Repeat this procedure until the water dose not bead up on the concrete.

Shot blasting using self-propelled, self-contained equipment is the recommended preparation method new concrete must cure a minimum of 28 days prior to the

application of any epoxy, Concrete must be tested or moisture and vapor transmission before coating.

## Mixing

Ultra Primer-60 is a two component system, Both components (Liquids A and B) should be at 70-90°F (21-32°C) prior to mixing. Pour the hardener (A side) into the resin (B side) and blend thoroughly using a mixing paddle and slow speed hand drill for 3 minutes, Mix at slow speeds (Less than 500 rmp's) to avoid air entrainment. Do not mix more material than can be used within the stated working time. Remember you will have less working time at higher at higher temperatures.

Ultra Primer -60, before it has hardened, can be removed from tools with Enviro-clean or warm soapy water.

## Packing

Ultra Primer-60 available in 1 Kg and 2.5 Kg

## Application

Relative humidity and dew point must be known before application to avoid adhesion failures. The dew point is used to predict the substrate temperature at which air begins to condense, in the form of water on the substrate. Never apply a coating unless the concrete surface temperature is 5°F (2°C) above the dew point. A dew point calculation chart is available from a Ultra Technical Representative.

Ultra Primer-60 can be applied by brush or short nap roller. When the primer has tacked up in approximately 6-9 hours, apply the epoxy topcoats. Ultra Epoxy Topcoat can be applied



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in as little as 7 hours at 72°F (22°C). Do not thin primer! Do not apply to concrete colder than 50°F (10°C) as insufficient curing may result

## Safety Precautions

Avoid breathing of vapors, Forced local exhaust is recommended to effectively minimize exposure, NIOSH approved, organic vapors respirators and forced exhaust are recommended in confined areas, or when conditions (such as heated polymers, sanding) may cause high vapor concentrations, Do not weld on burn or torch on or near any epoxy material. Hazardous vapor is released when an epoxy is burned. Avoid skin or eye contact. Wash skin with soap and water if contact occurs. If eye contact occurs flush with water for 15 minutes and obtain medical attention. Read and understand all cautions on can labels and safety data sheet before using this material.

## ISO Certification

Our Production facility at Pakistan is  
ISO 9001:2015  
ISO 14001:2015  
By BUREAU VERITAS  
and UKAS management

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