Product Data Sheet

PLATFORM™ PERFORMANCE FLOORING SYSTEMS
A KEENE INC. COMPANY

3 DIVISION

Maintenance of Concrete
03 10 00

Cast Underlayment
03 54 00

Gypsum Cement Underlayment
03 54 13

Platform XL™

General Patch & Skimcoat

PACKAGING

- 50 lb (22.7 kg) pail (gross unit weight)
- 25 lb (11.3 kg) bag

SUITABLE SUBSTRATES

- Concrete (28 days old)
- Wood (APA Rated)
- Gypsum (primed & sound)

- With White Liquid Latex
  - Ceramic Tile
  - Cement Terrazzo
  - VCT

Platform XL™ is a fast drying, polymer modified, cementitious patch for smoothing dry interior substrates prior to installation of flooring finishes. Fast drying with extended potlife extends your working time, not delaying your finish. Platform XL is easy to work with on virtually any interior surface.

Features

- Long working time
- Rapid, uniform drying time
- No additives required
- Feather edge to 1" thick
- Superior workability
- Low alkalinity, adhesive friendly
- Creamy, grit-free application
- No dusting or cracking

Properties

Working Time	Approximately 15 minutes
Set Time	30 minutes
Covering Time	Approximately 30-75 minutes depending on temperature
Compressive Strength	>4000 psi (28 MPa)
Coverage (25 lb Bag)	Feather Edge: 110 - 130 sq. ft. 1/8": 25 -35 sq. ft.
Thickness	Feather edge to 1" (25 mm) NEAT
Mix Ratio	4 qt potable water to 25 lb bag 8 qt potable water to 50 lb bag
Application Conditions	Interior above 50°F
Color	Gray

All specifications were tested in laboratory conditions: 70ºF in a controlled environment using our approved water content. Changing the temperature, or mixing ratios, or the environment can effect these specifications. Call Technical Services if you have any questions.

Leed Credit

Platform XL may contribute to LEED certification of projects as follows:

AREA	CREDIT	CATEGORY	HOW
Indoor Environmental Quality	EQ 4.2	Low Emitting Materials	VOC content 0g/l (calculated)
Materials & Resorces	MR 4.1 4.2	Recycled Content	0%
Regional Manufactured Material	MR 5.2	Regional Materials	45%

Preparation & Application

Reference the floor covering and adhesive manufacturers documentation to verify suitability of Platform XL as a subfloor for the flooring system (any adhesive used for concrete is generally suitable for Platform XL). Follow the directions of the flooring and adhesive manufacturer to determine the maximum allowable moisture content (RH) or transmission of the substrate. If the moisture content (ASTM F-2170) or moisture vapor transmission rate (ASTM F-1869) of the substrate exceeds the requirements of the flooring system, utilize an approved 100% epoxy moisture vapor mitigator (Platform EMS) prior to installation of the Platform XL.

Honor all moving joints. Complete crack and substrate repairs prior to installation. Consult an engineer for required joints and crack repairs prior to installation. Contact Technical Services for required surface preparation on installations that will be exposed to high rolling loads or high point loads.

Maintain a minimum of 50ºF during the application and for 72 hours after application or until dry. Acclimate the material to a minimum of 55ºF prior to mixing.

To maximize flowability and working time, utilize cool water when temperatures exceed 85ºF. If uncertain of suitability or bond, test an inconspicuous area for compatibility and adequate bond prior to proceeding.

For difficult substrates (non porous, substrates subject to mild deflection) consider utilizing White Latex Liquid in lieu of mix water. Reference product Data sheet for specifics.

Surface Preparation

Concrete Floors
All concrete must be 28 days old, sound, stable, clean and free of any bond breaking materials (silicates, curing compounds, laitance, dirt). Mechanically remove weak surfaces, and any contaminants to sound concrete. Priming is not required.

Adhesive Residue
Non-soluble adhesives must be scraped to a well bonded residue. Water soluble and pressure sensitive adhesives must be removed mechanically to the substrate. Verify type of adhesive prior to mechanical removal to ensure adhesive containing asbestos is not introduced into the environment. Follow all local, state and federal laws for removal and disposal of adhesive or flooring materials containing asbestos. Test to ensure any existing adhesive will not bleed through to new adhesive, or finished flooring. If substrate (concrete) under adhesive is weak or poorly bonded, remove such areas down to well bonded, sound, clean substrate.

Wood
Platform XL is suitable for skimcoating well bonded (screwed & glued) APA rated, exterior grade wood floors free of deflection. Wood floors are required to be a minimum of ¾", L/360 and comply to local building codes. No primer is required. Do not install over OSB, chipboard, Masonite, or surfaces non APA rated, and/or non-dimensionally stable materials subject to swelling or movement.

Quarry & Ceramic Tile
Ensure waxes or sealers are stripped from the surface of the tiles. Abrade to a dull finish. Remove dust by vacuum. Utilize Platform P360 or Platform P180 for additional bond.

Vinyl Flooring
Suitable for use over VCT when mixed with Platform's White Liquid Latex. Not for use as an embossing patch over vinyl flooring. Consider Platform FP for this application, available from .

Gypsum Substrates
When using over gypsum substrates prime the gypsum one or twice with Platform P360 or Platform P180. Follow Primer instructions for absorbent surfaces and apply primer with a fine tipped broom. Let primer completely dry (45 - 90 minutes) prior to applying patch. Gypsum surfaces must be sound (not crumbling) and not exhibiting more than surface dusting prior to priming. Platform recommends that severely deteriorated gypsum substrates be repaired with a gypsum based material. Contact our Technical Department for many solutions to address your repair requirement.

Mixing

Water: 4 qt potable water to 25 lb bag, 8 qt potable water to 50 lb pail, or mix by volume 2:1 (2 Parts powder to 1 Part Water) and adjust to desired consistency with additional powder. For additional adhesion and flexural properties, replace mix water with White Latex Liquid, diluted 1:1 with potable water per associated Data Sheet.

Mix Method: ALWAYS utilize a drill with the appropriate paddle and and mix until material is thoroughly homogenous and lump free. Overwatering and/or under mixing will result in difficult placement and lower ultimate compressive strengths. Add designated clean, potable water to a clean mixing vessel, add the powder and mix mechanically until homogenous and lump free. Mix no more material than can be placed within 10 minutes. Do not remix with additional water.

Material Application

Utilize a clean trowel to place the material across on the surface of the substrate. No minimum thickness is required. For deeper areas, allow initial coat to reach partial set prior to building layers. Once dry, material may be sanded to remove placement imperfections prior to installation of floorcovering. Platform XL may be applied up to 1" thick NEAT in isolated areas. Deeper placements may extend dry times modestly.

Dry Time Prior to Flooring Installation

Platform XL is self drying, do not wet cure or use curing or sealing compounds. Depth of placement and ambient conditions (temperature and humidity) will impact the dry time of the material. Material is typically dry in 30-45 minutes and ready for light sanding prior to application of flooring, or direct application of flooring.

LIMITED WARRANTY

Platform Performance Flooring Systems warrants to the initial purchaser only that the goods sold hereunder will be free from defects in material and workmanship and, except as otherwise set forth herein, will conform to the specifications provided. If any failure to meet this warranty appears within one year from the date of shipment of the goods, on the condition that Platform Performance Flooring Systems will correct any such failure by either replacing or repairing any defective goods, at Platform Performance Flooring Systems' option.

The preceding paragraph sets forth the exclusive remedy for all claims based on failure of or defect in the goods sold hereunder, whether such failure or defect arises before or during the warranty period and whether a claim, however instituted, is based on contract, indemnity, warranty, tort (including negligence), strict liability or otherwise. The forgoing warranty is exclusive and is in lieu of all other warranties whether written, oral, implied or statutory.

24 HOUR EMERGENCY: CHEMTREC®

1-800-424-9300

NON-TOXIC and NON-FLAMMABLE

Keep container closed and keep away from children. May cause slight eye abrasion or irritation if spilled or rubbed in eyes. Flush thoroughly with water.

If taken internally, call a physician.

Published technical data & instructions are subject to change without notice. Please contact Platform Performance Flooring Systems for the most current technical data, safety data & application instructions.

Technical Assistance:
Visit our website: platformperformance.com or call
1-800-227-3434

Phone: 877-514-5336

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