Product Data Sheet

PLATFORM™ PERFORMANCE FLOORING SYSTEMS
A KEENE INC. COMPANY

3 DIVISION

Cast Underlayment
03 54 00

Gypsum Cement Underlayment
03 54 13

Hydraulic Cement Underlayment
03 54 16

Platform **P180™**

Versatile Primer for Patch, Underlayment, and Flooring

PACKAGING

- 1 gallon bottle
- 5 gallon pail
- 55 gallon drum

STANDARDS

Meets and exceeds the requirements of A.N.S.I. A108.5, CTI 64.1 and bond shear requirements of A.N.S.I. A118.4

APPROVED SUBSTRATES

- Gypsum
- Wood
- Concrete – absorbent & vnon-absorbent
- Suitable, Adhesive Residue
- LVP/VCT
- Epoxy
- Platform SLV

FEATURES

- Professional thinset for most standard installations
- Polymer modified for additional bond strength
- Cures quickly and evenly
- Exceeds designated ANSI requirements without need for additive

Platform P180™ is the multi-purpose primer for the Multi-Family environment! Platform P180 provides superior bond and enhances product performance of Platform Performance Flooring Systemsunderlayments and patches when applied to Gypsum, wood, concrete, Adhesive residue, LVP/VCT, epoxy and more.

Platform P180 is a high-performance primer specifically designed for use over dry gypsum concrete. When mixed at a 4:1 ratio, Platform P180 effectively seals the gypsum substrate, creating a smooth and stable surface ideal for subsequent floor coverings. This product enhances adhesion, ensuring that vinyl, tile, and other flooring materials bond securely to the gypsum concrete. Platform P180 simplifies the preparation process, providing a reliable base that meets the demands of various flooring installations, ultimately leading to a durable and long-lasting finish.

Platform P180 offers maximum versatility, Ultra low-VOCs, low odor, fast drying, tremendous coverage and easy handling. When used over Gypsum substrates, Platform P180 meets the ASTM 2419 topcoat/sealer requirement.

Properties

Time to dry	Approximately 45-90 mins (Temperature & Humidity Dependent)
Open Time for SLU application after dry	Up to 24 hours (Must be kept clean)
Coverage - Porous Serface (per gallon)	Dilute 1:1 (water:primer) Up to 250 – 350 ft2 per diluted G (Apply by soft tip broom)
Coverage - Non-Porous Serface (per gallon)	UnDiluted Primer Up to 400 ft2 per undiluted G (Apply by roller)
Coverage - Floorcovering Sealer (per gallon)	Dilute 4:1 (water:primer) Up to 250 – 350 ft2 per diluted G (Apply by Spray, Roller, or Broom)
Shelf Life	24 months from date of mfg, stored properly
Polymer Type	Advanced Acrylic Copolymer
Color	White
Flash Point	> 212ºF (100º C)
Temperature of Application	50º F to 90º F (10º C – 32º C) Substrate & Ambient
VOC (Rule 1168 SCAQMD)	< 30 g/l
SKU	55 Gallon: 5 Gallon: D-MFP5G 1 Gallon: D-MFP4x1

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 P180 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

Surface Preparation
For use in dry, properly prepared interior environments only. All surfaces must be dry, sound, stable, and clean. Ensure surfaces are free from dust and dirt and any bond breaking materials (silicates, curing compounds, oils). Mechanically remove weak surfaces and any contaminants down to sound surface. Always finish cleaning by a final removal of contaminants by vacuum.

Application Procedures
Use chemical resistant gloves when handling.

Material Application
Substrates can be tested for absorbency onsite. Place a bottle-capful of clean water on the substrate, if it disappears into the substrate within a minute, substrate is considered absorbent.

Mixing

When using at full strength (neat) mix concentrate gently before use. When diluting, add concentrate to water and mix gently for 1-2 minutes or until homogeneous.

Absorbent Substrates

Gypsum
Sound Gypsum with no more than light surface dust: Dilute Platform P180 1:1 (water:primer). (2 applications – allow first coat to completely dry prior to application of second coat)

Damaged, Weak Gypsum – deterioration beyond the surface: Damaged, highly absorbent Gypsum may require dilutions up to 2:1 (water:primer) and require multiple applications to seal and consolidate. Consider use of Platform SLV for damaged gypsum that goes beyond the surface.

Platform P180 Tip: Ensure absorbent substrates stay wet for 10 - 12 minutes. Substrates that “flash dry” may require higher dilution rate, or other remedial actions. If substrate does not stay wet at least 10 minutes, contact Platform Performance Flooring SystemsTechnical Support. Gypsum substrates tend to be very absorbent and may require higher dilutions. In many cases gypsum requires primer dilution of 2:1 (water:primer) or more to maintain desired wet surface for 10 minutes.

Concrete
Sound Concrete: Dilute Platform P180 1:1 (water:primer) (2 applications)

Mix Platform P180 gently for 1-2 minutes with potable water at the designated dilution rate for the absorbent substrate. Spread Platform P180 over substrate by push broom. Ensure the entire substrate is “wet out” without puddles (spreading puddles of primer across the surface). When spreading primer, work the push broom back and forth in North/South and East/West directions to work primer into the substrate, bind light surface dust and to ensure penetration into the pours of the substrate.

Avoid allowing the material to puddle, rather spread any puddles uniformly across the surface. Some highly porous surfaces may require an additional primer coats.

Primer effectiveness can be water tested with a capful of water on the primed surface after the primer is dry.

Non-Absorbent Substrates

Wood, Qualified Adhesive Residue*, Platform SLV, LVP, VCT

Application Method: Two Applications by paint or dual cage roller using a 3/8” nap roller.

No Dilution: Apply neat straight from the container. Two Applications: Apply undiluted Platform P180 with a paint or dual cage roller using a 3/8” nap roller. Spread to ensure the entire surface is covered with a thin, even film, avoiding puddling. Wait until first coat has dried (typically 45-90 minutes) and apply a second application neat perpendicular to the first (north-south to east-west). Continue to spread any puddles uniformly across substrate.

*Not for use over water soluble adhesives or pressure sensitive adhesives. In those cases, remove adhesive prior to priming.

*** FOR PROFESSIONAL USE ONLY**

Dry Time

Ambient conditions (temperature, humidity, air movement) will impact dry time. Platform P180 typically dries in 45 minutes to 90 minutes. Roll out to a uniform film with no ridges or primer build. Areas must be re-primed if more than 48 hours passes since Platform P180 application, or in the case of contamination by dust or foreign material.

Clean-Up

Wash hands and tools with water before the material hardens, or within 10 minutes of material contact to ensure easiest removal. Cured material must be removed mechanically. Dispose waste or excess material in accordance with all local, state and federal regulations. Hardened material is generally considered construction waste.

Safety

Contains Portland cement: freshly mixed mortar may cause skin injury. Avoid contact with skin where possible. Wash exposed skin areas promptly with water. If mortar gets in eyes, rinse immediately and repeat. Get prompt medical attention.

KEEP OUT OF REACH OF CHILDREN.

LIMITED WARRANTY

The suitability of the product for an intended use shall be solely up to the user. Job site conditions including surface preparation, temperature, humidity, and tile quality can adversely affect the products performance. Warranties of merchantability and of fitness are hereby disclaimed. Manufacturer and seller assume no liability for consequential damages. Manufacturer agrees to replace or pay for any material proved to be defective. with no liability beyond the purchase price of defective materials. This warranty is in place of all other warranties. expressed or implied. No person has the authority to change these items and there are no warranties except as herein stated.

Dependable, LLC 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 Dependable, LLC. will correct any such failure by either replacing or repairing any defective goods, at Dependable, LLC's 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 Dependable 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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