

# KeedeSet Sanded Floor Mix

Dry Set Mortar

## PACKAGING

- 50 lb (22.5 kg) double wall bag

## STANDARDS

Meets and exceeds the requirements of  
A.N.S.I. A118.1

## APPROVED SUBSTRATES

- Concrete, mortar beds, masonry, and Portland cement plaster
- Liquid applied membranes
- Gypsum wallboard
- Fully bonded sheet vinyl flooring
- Plastic laminates
- Cutback adhesive

**KeedeSet Sanded Floor Mix is an economical polymer modified mortar that is used for interior and exterior installations on non-absorptive basic tile and natural stone installations.**

## Features

- › Forms a powerful bond with cement surfaces
- › Ideal for standard tile installations
- › Reliable mortar for everyday projects

## Properties

Pot Life	Approximately 2-3 hours
Working Time	Approximately 30-40 minutes
Setting Time	Initial Set - Approximately 3-7 hours
Time before Grouting	12-24 hours
Coverage (50 lb Bag)	1/4" x 1/4" x 1/4" notched trowel - approximately 90 sq. ft. per 50 lb. bag. 1/4" x 3/8" x 1/4" notched trowel - approximately 65 sq. ft. per 50 lb. bag.
Shelf Life	1 year when stored properly
Color	Grey and White
SKU	

*All specifications were tested in laboratory conditions: 70°F 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.*

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## Preparation & Application

Reference the tile manufacturers documentation to verify suitability of KeedeSet Sanded Floor Mix as a thinset mortar for the tile work. Follow the directions of the tile 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 prior to installation of the KeedeSet Sanded Floor Mix.

### Surface Preparations

Surfaces must be structurally sound. The substrate should be dry, clean, sound concrete that is free of gypsum compounds and all materials that may inhibit bond such as: oil, curing compound, dust, mastic, and other surface contaminants. Glossy or painted surfaces must be sanded or abraded and stripped of all contaminants.

Concrete must be cured for 28 days and accept water penetration. Concrete must be free of efflorescence and not subject to hydrostatic pressure. Concrete slabs should have a coarse finish to enhance the bond. Smooth concrete surfaces, existing glazed tile, terrazzo, or polished stone should be scarified. Sheet vinyl must be well bonded and stripped of old finish. Roughen the surface by sanding or abrading, then rinse and allow to dry.

Ambient temperature should be maintained above 50° F (10° C) or below 100° F (38° C) for 72 hours to achieve proper bond. Expansion joints should never be bridged with setting material. Provide for expansion and control joints as specified per TCNA Method EJ171. For questions about proper subfloor installation, call Technical Services.

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## Bonding to Cutback Adhesive

Adhesive layers must be removed as they reduce mortar bond strength to cement surfaces. Do not sand or grind adhesive residue, as harmful dust may result. Use caution as adhesives may contain asbestos. Never use adhesive removers or solvents, as they soften the adhesive and may cause it to penetrate the concrete. Adhesive residue must be wet scraped to the finished surface of the concrete, leaving only the transparent staining from the glue. Do a test bond area first, to determine desirable results.

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## Mixing

KeedeSet Sanded Floor Mix should be added to clean, potable water (50°- 80° degrees F) at the rate of approximately 6 quarts (5.68 L) per 50 lb. bag. Mix thoroughly until the mortar is smooth and no lumps or dry powder remains visible. Allow it to slake for 5-10 minutes, then re-mix before use. Do not add water, additional mortar or other ingredients after the slaking period. The proper mortar consistency is such that when applied with the recommended notched trowel to the tile backing, the ridges formed in the mortar will not sag or slump. Do not use mortar after initial set. During use, remix mortar occasionally to keep it workable.

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## Material Application

Use a properly sized notch trowel to ensure 100% coverage under tiles. DO NOT USE to set porcelain tile. Using the flat side of trowel, apply skim coat of mortar to the surface. Apply additional mortar with notched side of trowel held at a 45° angle to the surface, combing in one direction. Press tile firmly into place in a perpendicular motion across ridges, moving back and forth. Perpendicular pressing flattens ridges and closes valleys allowing maximum coverage. With some tile, back-buttering is advisable. Adjust tile promptly and beat in with a beating block and rubber mallet. Mortar can be applied up to 1/4" (6 mm) thick after beating in. For thicker applications, use a medium bed mortar. Periodically pull up a tile and check the back to ensure complete coverage with the mortar. Do not spread more material than can be tiled in 15 minutes or while material has wet tack (sticky to the touch). If material has skinned over (not sticky), recomb with notched trowel.

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## Curing & Grouting

- A minimum cure is obtained in 12-24 hours depending on ambient temperature.
- Normal grouting should be done 24 hours later.
- Curing time is affected by ambient temperature and humidity.

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**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 of waste or excess material in accordance with all local, state and federal regulations. Hardened material is generally considered construction waste.

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**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.

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**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.

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**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.

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: [floorprep.com](http://floorprep.com) or call

**1-800-227-3434**

