

PREMIUM THINSET MORTAR

KEEDESSET PRO



DIVISION 4

09 3095 Tile & Stone
Installation Materials

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

KeedeSet Pro may be used:

- Over APA Grades OSB & Plywood
- Cement backer board & uncoupling mats
- Properly prepared gypsum
- Dry wall
- Some properly prepared floor covering including VCT and ceramic tile

KeedeSet Pro is a polymer modified, thinset mortar specifically designed for use under porcelain tile. Pro was designed with a high polymer loading to provide superior bond strength to the tile and substrate. Pro is designed to produce flexural bonds twice as strong as industry standards. Pro is suitable for use in most residential, institutional, and commercial applications.

Features

- Superior bond strength
- Designed for use with porcelain tile
- Diverse range of substrates

Properties

Coverage	1/4" x 1/4" x 1/4" notched trowel - approx. an average of 65 ft ² per 50 lb. bag. 1/4" x 3/8" x 1/4" notched trowel - approx. an average of 55-65 ft ² per 50 lb. bag.
-----------------	---

Working Time	30-40 minutes
Pot Life	2 hours
Setting Time	Initial set - Approx. 3-7 hours
Time before Grouting	12-24 hours
Shelf Life	1 year when stored properly
Packaging	Grey: 50 lb. bag White: 50 lb. bag

All specifications were tested in laboratory conditions. Changing the temperature, or mixing ratios, or the environment can affect these specifications. Call Dependable technical services if you have any questions.

PREPARATION AND APPLICATION FOR PROFESSIONAL USE ONLY

Reference the tile manufacturers documentation to verify suitability of KeedeSet 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.

Surface Preparation

- All floors on which tiles are to be set must be structurally sound and free of frost.
- The atmosphere temperature must be above freezing during its initial cure.
- All substrates should be mechanically cleaned of dust, grease, oil, dirt, and other bond breakers.

CONCRETE AND OTHER CEMENTITIOUS SUBSTRATES

- Dampen cementitious substrates prior to commencing application.
- New concrete should be fully cured.

WOODEN SUBSTRATES

- Use a minimum 5/8" premium plywood over the subfloor: all wooden flooring underlayment to be placed over 16" on center joists with a total thickness of 1 1/4" of wood.
- The flooring must be secured with screw type nails and glued where possible. Make sure there is absolutely no movement in the floor.
- A gap of 1/8" should be left between sheets of plywood to allow for expansion.
- Dampen or use a very loose mortar mix slurry plywood prior to application.

LIMITED WARRANTY:
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.
Technical Assistance:
Visit our website: floorprep.com
or call 1-800-227-3434.

Mixing

Blend with 5-5.5 quarts cool, clean water.

Material Application

- Mix Pro with clean water to obtain a smooth mortar.
- Allow mix to slake for 10-15 minutes, and then re-mix before using.
- Spread mortar with flat side of trowel to wet substrate; then re apply mortar to a depth sufficient to be notched with 1/4" x 3/8" notched trowel.
- With high lug bowed or large tiles, "back buttering" is required to gel a minimum of 1/8" thick after tile has been beat-in.
- Do not adjust after they have been set past 10-15 minutes.

CURING & GROUTING

- A minimum cure is obtained in 12-24 hours depending on ambient temperature.
- Grouting can be done before the mortar takes its final set if caution is used not to break the plastic mortar bond to the tile.
- Normal grouting should be done 24 hours later.

(KeedeSet Pro may be used on walls provided caution is taken to prevent tiles from slipping, due to the high polymer content of KeedeSet Pro. Extra time should be allowed for it to complete the cure cycle.)

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

It 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.



800 | 227 | 3434
info@dependable.us P 440 | 333 | 1123
floorprep.com F 440 | 333 | 3781