



SCREED MIX SAND:CEMENT

- 1. **Product Name:** SCREED MIX (4:1, 5:1 & 6:1)
- 2. **Item Code(s):**

97639 - 4:1 SCREED MIX
 97640 - 5:1 SCREED MIX
 97634 - 6:1 SCREED MIX

3. Manufacturer:

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4. Product Description

Screed Mix is a uniformly blended mixture of Sand and Portland Cement. Screed Mix is available in 80 Lb. Bags (42 or 30 Bags / Pallet) or 3000 Lb. Bulk Bags.

Portland Cement Mortar - screed mix - is suitable for most surfaces and ordinary types of installation. A mortar bed, up to 2" in thickness, facilitates accurate slopes or planes in the finished tile work on floors.

The screed mix can be modified with the inclusion of a latex polymer per the manufacturer's instructions as part of the liquid portion of the mixture to improve certain performance properties. Polymer should be used for applications less than 1" in thickness.

ANSI A108.1B is the recognized method for installing ceramic tile on a cured Portland Cement based mortar bed by using a dry-set (thin-set) mortar or a latex-portland cement mortar.

5. Technical Data

Complete installation and material specifications are contained in ANSI A108.1A, A108.1B and A108.1C.

TECHNICAL DATA

COMPRESSIVE STRENGTH:

- 4:1 (SAND:CEMENT) - @ 5800 psi - (407.8 kg/cm²) (28 Days)
 - 5:1 (SAND:CEMENT) - @ 4200 psi - (295.3 kg/cm²) (28 Days)
 - 6:1 (SAND:CEMENT) - @ 2700 psi - (189.8 kg/cm²) (28 Days)
- 4:1 Utilizing (10.4% Water) - 5:1 & 6:1 Utilizing 7.3% Water

Actual results may vary due to workmanship, regional material variations, and jobsite conditions.

6. Installation

Screed Mix can be mixed in a barrel-type concrete mixer, mortar mixer or, least preferable, by hand. Allow at least 1 cu ft (28 L) of mixer space for each 80 lb (36.3 kg) bag of Screed Mix to be mixed at one time. Water content should be limited to assure a strong dry pack mix. Water requirements range from 10-12% for 4:1 SCREED MIX and 7-9% for both the 5:1 and 6:1 SCREED MIXES. Use only clean potable water and a clean mixing container. Do not over water or over work the mix.

Portland Cement based screed mixes can be reinforced with metal lath or mesh, can be backed by membranes and can be applied on metal lath over open studding on walls or rough floors. Once properly cured, PACKAGE PAVEMENT SCREED MIX is strong and unaffected by prolonged contact with water, and can be used to plumb and square surfaces. Suitable backings when properly prepared are: brick or cement masonry, concrete, wood or steel stud frame, rough wood floors, plywood floors, foam installation board, gypsum board and gypsum plaster. The one-coat method may be used over masonry plaster, or other solid backing that provides firm anchorage for metal lath. See ANSI A108.1A,B,C.

7. Curing

Correct water content and temperatures are essential for good curing. Proper curing increases bond strength and durability. Minimum curing will take place in (5) days in warm weather (70°F) and (7) days in cooler weather (50° - 70°F).

8. Safety and Handling

Always wear dust masks, goggles, and gloves while using Screed Mix. Exposure to Portland and sand dust over long periods of time can cause silicosis. The alkalinity of Portland can also cause severe burns if used without personal protection. If the product comes in contact with eyes, rinse them thoroughly with water and see a physician without delay.

9. Warranty

PACKAGE PAVEMENT warrants this product to be of merchantable quality when used in accordance with the instructions herein. We will not be liable for incidental or consequential damages, as defined under the uniform commercial code, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or other than the intended use. User shall determine the suitability of the product for its intended use and user alone assumes all risks and liabilities in connection therewith. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from the date it was, or reasonably should have been, found.

