

1. PRODUCT NAME

SUPER SCREED (Mortar screed Installation)

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

PROFLEX™ SUPERSCREED is a fiber-reinforced Portland cement-based, polymer modified screed. SUPERSCREED is a semi-paste, semi-slump mortar screed to reduce effort and labor. The formula has specialized cement-fluidizers that allows a wetter mortar consistency for easier compaction and placement without compromising strength due to over-watering. SUPERSCREED can be used in conjunction with PROFLEX elastomeric crack-isolation membranes, PROFLEX™ polymer modified thin-set mortars meeting ANSI A118.11

Enhanced polymer modified components work together to ensure a superior bond of interior or exterior tile and stone finish surfaces. This system is designed to assist with installing larger tile and stone (not water sensitive stones). Designed installation from 1/2" up to 4" over PROFLEX® membranes. The system can be applied to floors, countertops, and sloped shower floors. Superscreed excels by allowing a "wetter-slump mortar application" verses a more traditional damp/dry-pack application. There is faster placement and lower labor effort to screed/leveling of the SUPER SCREED.

Approved Uses

- Mortar beds over PROFLEX® membranes
- Shower pans and slopes
- Screed leveling beds
- Interior and exterior applications

Advantages

- Fiber Reinforced Polymer-Modified Cement Screed
- Wetter slump allows faster compaction & screed placement.
- Suitable for bonded, unbonded and floating screeds
- Ideal for pulling to flatness.
- Interior or exterior uses
- Approved for use over PROFLEX® Membranes.
- Meets and Exceeds, A108.1A, A108.1B

Suitable Substrates

- Concrete
- Cement terrazzo
- Cement backer board*
- Exterior APA Rated Plywood**

*Consult cement backer board manufacturer for specific installation recommendations and verify acceptability for exterior use.

**Meets or exceeds industry standards of L/360 for ceramic tile and brick or L/480 for stone installations where L=span length

Packaging

SUPER SCREED Thick Bed Mortar Screed Mix
50 lb. bag, 56 bags per pallet

Approximate Coverage for SUPER SCREED

Coverage per 50 lb. bag, 7 sq. ft. at 1" thickness. DO NOT EXCEED 4" THICKNESS WITHOUT EXPRESSED WRITTEN PERMISSION FROM PROFLEX®

Shelf Life

Factory sealed bag of this product are guaranteed to be of first quality for (1) year if stored off the ground at temperatures >32°F(0°C) and <110°F (43°C)

Limitations

- Use PROFLEX® Epoxy mortar for installing green marble or water sensitive stone and agglomerates.
- Note: Surfaces must be structurally sound, stable and rigid enough to support ceramic/stone tile, thin brick and similar finishes. Substrate deflection under live, dead and impact loads, including concentrated loads, must not exceed L/360 for thin-bed ceramic tile/brick installations or L/480 for thin bed stone installations where L=span length.
- DO NOT bond to particle board, luan, Masonite® or hardwood surfaces.

- DO NOT allow mortar to freeze for the first 72 hours of installation.

Cautions

Consult SDS for more safety information.

- During cold weather, protect finished work from traffic until fully cured.
- Contains Portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact flush thoroughly with water.
- Do not take internally. Silica sand may cause cancer or serious lung problems. Avoid breathing dust. Wear respirator industry areas.
- For white and light-colored marbles use PROFLEX® white thin-set mortars.

4. TECHNICAL DATA

SUPER SCREED Portland cement based thick-bed mortar mix with various sized aggregates & special fiber reinforcement.

Working Time	30 minutes
Compressive Strength	4015 psi 7 days - 7950 psi after 30 days

Robinson Test: "Extra Heavy." Extra heavy and high impact use in food plants, dairies, breweries and kitchens.

5. INSTALLATION

Surface Preparation

All surfaces must be between 40°F (4°C) to 95°F (35°C) and structurally sound (deflection not to exceed 1/360 of the span), dry, clean and free from oil, grease, wax, paint, old adhesives, sealers and curing compounds. Any contaminants which inhibit proper bond must be removed. Installer must verify that deflection under all live, dead and impact loads of interior plywood floors does not exceed industry standards of L/360 for ceramic tile and brick or L/480 for stone installations where L=span length. Substrate preparation should be completed following ANSI A108.1.

Movement Joints

Expansion joints shall be provided through the tile work from all construction or expansion joints in the substrate. Follow ANSI specification A108.01-3.7 "Requirements for Movement Joints: Preparations by Other Trades" or TCNA detail EJ-171 "Movement Joints — Vertical & Horizontal". Do not cover expansion joints with mortar.

Mixing

Use cool, potable water, clean tools and a clean container. Add just enough dry mix to approximately 2½ quarts (2.4 L) of water to produce a lump free, semi-paste or semi-slump consistency and workability to enable a maximum compaction during tamping.

Application

Before placing SUPERSCREED, apply bond coat of PROFLEX ANSI A118.11 thin-set mortar. While the bond coat is still wet spread SUPERSCREED mortar and compact well. If placing tile immediately, apply a bond coat of PROFLEX ANSI A118.11 thin-set (such as PRO-STICK 42, SUPER STICK or PRO-STICK 42 XLP for "Large Heavy Tile/Stone 15"+ and larger) mortar to back of tile. While the coat is wet sticky, place the tile and tamp well into place. Do not let bond coats to dry.

Cleaning

While wet, mortars can be washed from tools with water.

6. AVAILABILITY

PROFLEX® Products are available nationwide.

To locate Proflex products in your area, please contact:

Phone: 877-577-6353

Website: www.proflex.us

7. WARRANTY

PROFLEX® Products, Inc. offers a limited warranty for this product when used in accordance with printed specifications. A copy of the limited warranty can be obtained by calling technical services at 877-577-6353 or visiting www.proflex.us

8. MAINTENANCE

None required, but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

9. TECHNICAL SERVICES

Information is available by calling Technical Support.

Toll Free: 877-577-6353

Fax: 863-937-9624

Technical and safety literature