



DYNEX 1004

Premium Tile Thin Set

DESCRIPTION

DYNEX 1004 is a cementitious Polymer Modified Tile Adhesive perfect for the installation of Porcelain, Ceramic, Marble and Glass tiles on horizontal or vertical surfaces. Dynex 1004 meets and exceeds the requirements of ANSI A118.1 and ANSI A118.4.

FEATURES AND BENEFITS

- Easy to use (at recommended water content).
- Polymer modified (no additives required).
- Has an open life in excess of 20 minutes, allowing for tile replacements.
- Superior adhesion to substrate.
- High compressive strength 15 MPa or 2200 PSI in 3 days.
- Larger packaging sizes of 25kg/55lbs bags.
- Manufactured under SCL's strict quality policy.

DYNEX 1004 PERFORMANCE DATA (ANSI A118.4)

SHEAR BOND STRENGTH	ANSI A118.4 REQUIREMENTS	TEST RESULTS
Glazed Wall Tile	200 PSI	>400 PSI
Unglazed Quarry Tile	150 PSI	>300 PSI
Unglazed Porcelain Mosaic Tile	150 PSI	>250 PSI

MIXING

Pour 6 to 6.4 (Liters) of clean potable water into mixing container. The container and tools must be clean. Gradually add powder to container with water. Mix at a low speed (approximately 300 RPM) using a suitable drill and paddle for five minutes until a thick paste-like consistency is achieved. The mixture shall have a smooth troweling consistency free from lumps. Avoid over mixing. Let mixture stand for 5 minutes. Remix before using.

WATER

The mixing water should be clean potable water. 6L to 6.4L of water per 25kg/55lbs bag. DO NOT PART MIX BAGS. THE ADDITION OF EXTRA WATER IS NOT RECOMMENDED.

INSTRUCTIONS FOR APPLICATION

Surface Preparation: The substrate should be sound and free from all traces of grease, oil or other contamination. The substrate should be clean of any dirt and fully cured (over 28 days).



PLACEMENT

Dynex 1004 Premium Tile Thin Set should be placed on the substrate within 10-15 minutes of mixing, using the flat side of the trowel to ensure proper coverage. A properly sized notched trowel should be used to ensure proper coverage on the tile. Place tile in position, shifting the tile side to side to ensure proper adhesion occurs.

Mortar should be applied in accordance with ANSI 108.5. Using the flat side of the trowel held at a 35° to 40° angle, firmly apply a coat of mortar onto substrate. Immediately after, apply a second coat of mortar, then comb with the recommended notched trowel (typically 1/4" x 1/4").

Spread only as much mortar that can be worked in 5-10 minutes. Open time will vary at each jobsite. Ensure the surface is covered adequately with sufficient mortar to achieve a minimum thickness of 3/32" (2mm) between the tile and the substrate.

Place tile firmly into combed mortar. Push tiles back and forth, perpendicular to the combed mortar line. The motion shall collapse the mortar ridges. Ensure proper contact between tile and substrate. Once mortar has achieved initial set, do not vibrate or attempt to adjust tiles. After placing tiles, promptly clean tiles with water.

CURING

Allow tile to set for 24-48 hours before grouting.

COVERAGE

This will vary according to the thickness of the tile bed required but using a 1/4"x1/4" (6x6mm) notched trowel on an evenly prepared surface. A 25kg/ 55lb. bag will cover 33-55 sq. ft. (3.06- 5.10 m²).

Substrates that are not even or true will result in reduced coverage.

STORAGE AND SHELF LIFE

Store in a cool, dry, well-ventilated area and not in direct contact with the floor and walls. If maintained as above and in the original packaging, the shelf life should be around six months. Storage in wet, humid, or hot areas will reduce this significantly.

HEALTH AND SAFETY

This product contains cement, silica sand and other chemicals. Avoid inhalation or ingestion. The use of appropriate safety equipment is recommended. Observe all MSDS requirements.

When mixed, the product may be highly alkaline in nature and can cause skin burns or damage. Avoid direct contact with the skin and eyes. Splashes to the skin and eyes are to be rinsed immediately with copious amounts of clean potable water, and medical attention sought if necessary.

SCL products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms & Conditions of Sale, copies of which may be obtained on request. Whilst SCL endeavors to ensure that any advice, recommendations, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are used, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by SCL.

SCL (TRINIDAD) LIMITED

LP 45, Saddle Road, San Juan, Trinidad and Tobago.

Phone : (868) 675-5555 Fax : (868) 638-6302

Email: sales@scl-group.com

Website: www.scl-group.com

Page 2 of 2

Issue No: 01/ Dated November
2022 DYNEX 1004 THINSET TDS
Revision Date: 7th July, 2023