



NanoTile Adhesive

High performance, polymer modified, cementitious, ready to use tile adhesive

Description	NanoTile Adhesive is high performance tile fixing adhesive for internal wall/ floor & external flooring & Tile-on-Tile Applications. NanoTile Adhesive is a blended polymer modified cement based powder tile adhesive. It gives excellent bond on cementitious surfaces like, concrete, plaster, etc. NanoTile Adhesive forms a waterproof barrier between two surfaces and has excellent 'grab' properties.												
Uses	For fixing all types of ceramics, porcelains, marbles, graintes and decorative claddings on interior/ exterior walls & floors and tile on tile applications as well as swimming pool tiling applications.												
Features / benefits	<ul style="list-style-type: none"> • Ready to use, needs only mixing with water. • Excellent adhesion, low shrinkage. • Suitable for indoor and tile on tile applications. • Sufficiently flexible to accommodate physical & thermal movements. • Needs no curing, needs no hacking or mechanical key on the surfaces. • Soaking of tiles & backing of surface not required. 												
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Packaging	20 kg bag.												
Storage	Store in a dry and cool place below 35°C. Protect from direct sunlight.												
Shelf Life	1 year in original, unopened packaging.												
Directions for use	<p>Surface preparation:The surface to be tiled should be clean and sound. Old surfaces must be free from wax, grease, polish, etc. Pour one 20 kg bag in approx. 5 to 6 ltr of clean water (recommended proportion approx. 3:1 of powder to water by volume) at site, addition of water shall be adjusted to attain desired consistency. Do not put water into the powder. Mix with a electric fitted trowel or by hand until a lump free homogeneous paste is obtained. Always mix the required quantity, which can be consumed within the prescribed pot life. Spread the adhesive to a thickness of approx. 3-6 mm and comb with a notched trowel. Strictly apply the adhesive paste which can be tiled within 10 to 15 minutes. Intermittently touch the adhesive paste on substrate by finger. If the adhesive sticks to fingers then continue tiling and if not scrape off the adhesive and apply new coat. Keep joints between two-tiles using spacers. Allow tiling to set for 24 hours and start filling joints next day with NanoTile Grout. Use mechanical clamps for holding the heavy stones in positions on vertical surface. NanoTile Adhesive also can be applied at 3-mm thickness for fixing of normal tiles in toilets and swimming pool area. After grouting clean and polish tiles with a damp sponge or cloth.</p> <p>Placing:NanoTile Adhesive can be applied directly on concrete, cement, screeds, and cement or lime mortar. Special attention must be given to new construction prior to commencing fixing of tiles should not be placed on concrete or block work until all shrinkage movement has taken place.</p> <p>Note: NanoTile Adhesive should not be used directly on gypsum or gypsum board substrates. Please contact your local Nano Vision team for advice.</p> <p>Finishing:Remove excess adhesive with a damp cloth before material has set. Joint grouting with NanoTile Grout may be commenced 24 hours after tile has been laid.</p> <p>Cleaning:NanoTile Adhesive should be removed from tools, equipment and mixers with clean water immediately after use. Cured material can only be removed mechanically.</p>												
Cleaning & disposal	Tools and application equipment should be cleaned with water. Cured material can only be removed mechanically. Disposed of in accordance with local regulations.												
Precautions & Limitations	If any doubt arises concerning temperature or substrate conditions, consult Nano Vision technical department.												
Health & safety	In case of contact with the skin, wash immediately with soap and water; In case of contact with the eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately, do not induce vomiting. Skin barrier cream, safety goggles and rubber gloves are recommended. carried out in accordance with local legislation under the guidance of the local waste regulatory authority.												