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MULTICRETE THOR-PATCH™

TECHNICAL DATA SHEET

Specially Formulated Grout

DESCRIPTION

Multicrete Thor-Patch™ is a sanded cementitious product designed for repurposing high traffic industrial flooring. This specially formulated product features reliability and high performance for a variety of general grouting purposes.

USES

The general use of Multicrete Thor-Patch™ is to rebuild and refinish existing floors that have moderate to severe wear and damage. Use Multicrete Thor-Patch™ to fill large cracks and holes. Can be used to create level flooring where repeated use of equipment has created grooves.

ADVANTAGES

Multicrete Thor-Patch™ will set 1 hour after placing. Equipment up to 4 tons can drive over patched areas 24 hours after placing. Lighter traffic, being light equipment and people, can travel over placed product after 2 hours. It's important to note that the product must be allowed to cure for 24 hours before the use of heavy equipment.

PACKAGING

Multicrete Thor-Patch™ is packaged in 20 kg, heavy-duty, plastic pails. Each pail yields approximately 0.35 cubic feet or 10 L of wet material. All Multicrete Thor-Patch™ packaged materials can be custom packaged to meet specific project requirements.

Strengths

Multicrete Thor-Patch™ is a rapid setting material. It will achieve strengths above 30MPa at 24 hours. It's ultimate strength will be greater than 60MPa.

SAFETY PRECAUTIONS

Multicrete Thor-Patch™ contains Portland cement and carefully selected additives. Freshly mixed materials may cause skin irritation. Avoid direct contact and wash exposed skin area promptly with water. If any cementitious material gets into eyes, rinse immediately and repeatedly with water and seek prompt medical attention. Normal safety wear such as dust mask and rubber gloves used to handle conventional cement based products should be worn. See SDS for more information.

MIXING (One 20L Pail)

1. Open 1 pail of Multicrete Thor-Patch™ Dry Material
2. In a separate clean pail, add 2.2 L water (colder water will increase pot life)
3. Add 35 ml RusTech CSA Retarder
4. Add 150 ml Sika Viscocrete 2100 (Super P)
5. Add 250 ml Sika Albitol (Latex Bonding Agent)
6. Mix water and liquid additives
7. Add liquid mixture to pail of Multicrete Thor-Patch™ Dry Material and mix until consistent.
*Use a heavy duty drill with concrete mixer attachment for best results
8. The well mixed Multicrete Thor-Patch™ will have a trowelable consistency and is ready to use
9. If a SCC (Self Consolidating Concrete) consistency is required, add an additional 50 ml Sika Viscocrete 2100 and re-mix.

*Multicrete Thor-Patch™ has a pot life of roughly 35 minutes although it is recommended to place freshly mixed material within 15 minutes of mixing.

*Use plenty of water to wash off and Multicrete Thor-Patch™ left on any equipment, tools or immediately.