

Product Description

TCC Materials Concrete Patching Mix-Grade 3U18 is ideal for repairing concrete pavement, bridge decks, industrial floors, concrete parking lots and garage decks. This pre-blended cement and aggregate mixture when mixed with water and admixtures will produce a high strength concrete repair material that is extremely durable and works well in harsh environments.

Applicable Standards

Meets the requirements of Minnesota Department of Transportation specification 3105 "Bagged Portland Cement Concrete Patching Mix 3U18".

When/Where to Use

Use for full and partial depth repair of concrete pavements, parking structures and bridge deck repair, industrial floors, new slab construction, formed concrete work and grouting.

Advantages

- Durable patching material
- High compressive strength mix
- Pre-blended mixture
- Freeze/thaw and salt resistance properties
- Low slump mixture

Typical Yield

75 lb. (34.1 kg) bag will yield approximately 0.57 cubic feet (wet). 48 bags would cover about 1 cubic yard.

Packaging

75 lb. (34.1 kg) bags

WARNING: INJURIOUS TO EYES!

KEEP OUT OF REACH OF CHILDREN!

Helpful Items:



Surface Preparation

Concrete repair surfaces should be clean, sound, and free from any materials that may inhibit bond such as oil, asphalt, curing compounds, acids, dirt and loose debris. Roughen surface and remove all unsound concrete. Immediately prior to placement the repair surface shall be thoroughly saturated with no standing water.

Mixing and Application

Place the desired number of bags of patch mix into the mixer. Use full bags only. Do not exceed mixer capacity. Approximate water required of 5-6 pints per 75 pound bag. Use air entraining agent to produce 6.5% ($\pm 1.5\%$) air content. Add about $\frac{1}{2}$ cup of Akona® Liquid Air Entraining Admixture per 75# bag with approximately 40% of the water (site conditions can vary the designed air content and may require an adjustment of the addition rate). Mix for approximately 15 seconds prior to addition of any water reducer (HRWR). Use approved water reducer or water reducing accelerator (when required). Add the water reducer or water reducing accelerator with an additional 40% of the water. Generally, water reducing accelerator should not be used when temperatures exceed 80°F. Add additional water and adjust slump to about $\frac{3}{4}$ " (maximum 1"). Continue mixing for additional 3-5 minutes. After placement, follow industry practices for curing concrete patches.

Warning

This product contains Portland cement. Contact with cement, freshly mixed concrete, or mortar can cause severe burns. The cementitious materials mixed onsite are alkaline in nature and on contact with water may irritate the eyes and skin. If contact with eyes occurs, flood eyes repeatedly with clean water and see a physician immediately. Do not rub eyes. Wash hands thoroughly after handling or before eating. Do not take internally. This product may contain silica. Inhaled silica dust may cause respiratory or other health problems.



Warranty

Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, express or implied, including, but not limited to, those including merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that, the seller's liability to the buyer at no point for any particular project shall exceed the total purchase price of said product.

Place Concrete Pavement Patch



Trowel Finish of Concrete Patch

