

## Extension of Pavemend TR & Pavemend SLQ



Materials: Pavemend TR™  
Pavemend SLQ™

### 1.0 General Recommendations

The following information should be considered and referenced when using these high performance products.

- Read the instructions/label on each bucket for set times and mixing instructions
- Read the "Repair Site and Product Preparation Field Guide". This guide can be found on our web site: [www.ceratechinc.com](http://www.ceratechinc.com)
- Protect thermal gun from direct exposure to cold and hot weather (metal components are temperature sensitive and could lead to erroneous readings).
- Do not mix SLQ™ in a concrete or mortar mixer. Mix in the single bucket only!

### 2.0 Specific Recommendations

- Pavemend TR/SLQ™ can be extended with 3/8" clean fractured stone up to a 1:1 ratio by volume (maximum ratio). This ratio is equivalent to mixing a 47.5lb bucket of material with a 50lb bag of fractured stone
- When extending Pavemend TR/SLQ™ in a single unit configuration a mix ratio of between 20 and 30% (10 to 15 pounds, approximately 1 gallon measure) can be used. This measurement provides adequate space within the bucket for mixing. Add the stone to the bucket and dry mix for 60 seconds or until aggregate is thoroughly dispersed within the powder. Follow recommended mixing procedures on bucket using 1 US gallon of water.
- Aggregate must be washed and free of contaminants (fine materials such as clay, organics, roots, etc.)
- When extending the product with higher ratios of aggregate (up to 1:1), a conventional concrete mixer must be used. The extension cannot be completed at the maximum ratio using a drill and paddle and mixing in a bucket. DO NOT mix SLQ in a concrete or mortar mixer. Mix in the single bucket only!
- Start the concrete mixer. Place aggregate and water in the mixer before placing Pavemend TR. The required amount of water is 1-gallon for every 5-gallon bucket of pavemend TR used in the specific batch.

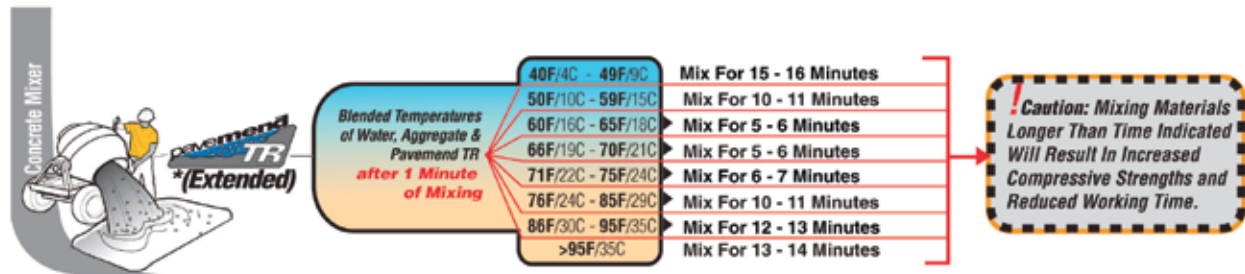


For questions regarding product use and applications, contact our technical representatives at **1.888.341.2600** or visit **[www.ceratechinc.com](http://www.ceratechinc.com)**

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## 2.0 Specific Recommendations (CONTINUED)

- 60 seconds after all components are mixed, (water, aggregates and Pavement binder) determine the equilibrium temperature of the mix. Compare that reading to the diagram below to determine the optimum mixing time for the material prior to placement



- Equilibrium temperatures between 40°F and 60°F will yield a material that is very thick and hard to mix. DO NOT ADD WATER; continue mixing and the material will become fluid as the mix temperature rise above 60°F. This change in material consistency usually occurs within two to three minutes of continued mixing.
- ALL materials must be worked/raked/agitated after placement in order to obtain 12 to 15 minutes of workable time (placement and finishing MUST be completed in this time window). If the mix is left static a considerable loss of workable time will be experienced leading to final set. The mix cannot be re-agitated after final set has been reached.
- A 3:2 extension ratio by volume is recommended for smooth finished. Alternatively to provide a smooth surface texture, a final layer of lean material can be used at a minimum depth of 1"
- Clean mixer immediately after placing the material. If several batches are anticipated, loosen up any material adhered to the mixing blades prior to the next batch. Immediately after pouring a batch, place the aggregates and water in the mixer.
- It is important that pre-existing joint designs be reestablished through the full depth of the repair and to the original width after placement existing joints affected by the repair, must be cut within 3 hours after placement.



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