

# TK-SLAB ASSIST RTU™ PRODUCT DATA SHEET



## DESCRIPTION

A reactive colloidal silica finishing aid that provides a multitude of immediate and long-term benefits to freshly placed concrete. Concrete surfaces treated with TK-SLAB ASSIST RTU are lubricated for faster and easier finishing and prolonged workability, even when conditions are unfavorable. With 100% reactive technology, TK-SLAB ASSIST RTU yields concrete slabs with higher density, improved durability, and lower maintenance requirements.

### USES:

For interior or exterior use on freshly placed, horizontal concrete surfaces:

- All Light Commercial
- All Heavy Commercial
- Concrete Flatwork
- Warehouse and Industrial Flooring
- Parking Lots and Parking Structures
- Sidewalks, Patios
- Public Buildings, Lobbies, Office Spaces
- Education and Healthcare Buildings
- Stadiums, Event, and Congregation Spaces

### BENEFITS:

- Increases “cream” and workability of the concrete without impacting the water/cement ratio
- Lubricates concrete surfaces and reduces trowel and equipment wear
- Prolongs workability in hot, humid, dry, and windy conditions.
- Improved impact and abrasion resistance
- Retains moisture in the slab for optimal curing and reduces curling and shrinkage
- Minimizes checking, crazing, and scaling
- Facilitates easier finishing with silica fume and air-entrained concrete
- Reduces efflorescence and dusting for lower maintenance requirements over the life of the slab
- Extremely low VOC content (<5 g/L)
- Reduced potential for alkali silica reaction (ASR)

## APPLICATION PROCEDURES

### PREPARATION:

TK-SLAB ASSIST RTU is designed for use during final concrete finishing and should be applied to fresh concrete before screeding, floating, or troweling have begun.

### MIXING/DILUTION:

The material is supplied ready to use. Contents should be stirred or shaken vigorously prior to use to eliminate any settling which may occur upon storage or shipping. Pour TK-SLAB ASSIST RTU directly into sprayer.



### APPLICATION:

Use a clean, hand-pump tank-type sprayer with a low-pressure tip to distribute the product evenly. Lightly mist TK-SLAB ASSIST RTU over entire surface to be treated and immediately follow with screeding, floating, troweling, or other finishing procedures.

Re-apply TK-SLAB ASSIST RTU to any localized areas where the concrete has begun to prematurely dry.

## CLEAN UP

Clean tools and spills with soap and warm water before the material dries.

## COVERAGE

Surface	Coverage
Finishing Aid:	500 to 1000 square feet per gallon
Concrete Densifier:	250 to 500 square feet per gallon

Coverage rates are provided as a guideline only. Many factors including surface texture, porosity, and weather conditions will determine actual coverage rates.

## LIMITATIONS

- KEEP FROM FREEZING.
- TK-SLAB ASSIST RTU does not replace curing procedures.
- Do not store below 40°F or above 80°F (26.7°C).

- Do not over-apply as a build-up can cause concrete hazing/cloudiness to occur.
- Do not exceed 400 square feet per gallon when applying multiple times or in combination with other colloidal silica treatments.

## FIRST AID

Consult this product's safety data sheet for additional health and safety information. Safety Data Sheets are available through TK distributors, the TK office, and the TK website.

## REVISIONS

LAST: 01/30/19

PREVIOUS: n/a

## TECHNICAL DATA INFORMATION

Surface	Coverage
<b>Composition and Materials:</b>	A colloidal silica-based mineral dispersion in water
<b>Viscosity at 77°F:</b>	100 to 500 CPS
<b>Mix Ratio:</b>	N/A – Supplied ready to use
<b>VOC Content*:</b>	< 5 g/l
<b>A.I.M. Category:</b>	Not regulated

## MANUFACTURER PART #'S

Size	Item Code
5-GALLON	TK-SLAB ASSIST RTU 5L PLSTC PS
1-GALLON	TK-SLAB ASSIST RTU G. F STYLE