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
- Colored Concrete
- Aids Shake-On Hardeners

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

Composition and Materials:	A colloidal silica-based mineral dispersion in water
Viscosity at 77°F:	100 to 500 CPS
Mix Ratio:	N/A – Supplied ready to use
VOC Content*:	< 5 g/l
A.I.M. Category:	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

VOC REGULATORY COMPLIANCE

AIM	OTC	LADCO	CARB	SCAQMD	CANADA
✓	✓	✓	✓	✓	✓