

High Performance Trowel Aid

CONCENTRATE

FOR PROFESSIONAL USE ONLY



Refer to the Pro-Finish TDC Technical Data Sheet prior to use.

PRODUCT DESCRIPTION

PRO-FINISH TDC is a professional colloidal silica trowel/finishing aid, densifier, and curing agent that improves surface performance, extends and enhances workability, and provides a faster and easier finishing experience. Applying **PRO-FINISH TDC** during the finishing process reduces surface evaporation, slab curling, and differential shrinkage. It will also reduce efflorescence in colored and standard concrete. **PRO-FINISH TDC** chemically enhances the concrete, and provides higher density and increased surface performance.

RECOMMENDED EQUIPMENT

Apply **PRO-FINISH TDC** with a low-pressure pump-up sprayer. Use a fan tip or a cone tip for an even application. Other recommended equipment includes automatic low pressure sprayers and water tanks of ride-along trowels.

MIXING AND DILUTION INSTRUCTIONS

PRO-FINISH TDC CONCENTRATE formula should be diluted with 4 parts clean potable water prior to use.

- Mix or agitate well the **PRO-FINISH TDC CONCENTRATE**.
- Mix 1 part **PRO-FINISH TDC CONCENTRATE** with 4 parts water in a clean bucket or sprayer.
- Add to sprayer and apply evenly.

COVERAGE RATES

PRO-FINISH TDC coverage will vary based on jobsite conditions and performance requirements. These coverage rates provide a good starting point. Coverage rates are based on 1 mixed gallon of **Pro-Finish TDC ready-to-use (RTU)**.

APPLICATION NEEDS	COVERAGE (US, PER GALLON)	COVERAGE (METRIC, PER LITER)
Finishing Aid	500 - 1000 ft ²	12 - 24 m ²
Performance Concrete	250 - 500 ft ²	6 - 12 m ²

APPLICATION GUIDELINES

Apply **PRO-FINISH TDC** during the floating and troweling stages of fresh concrete pours. Multiple applications can be applied as needed throughout the finishing process.

TROWEL/FINISHING AID

When applied between 500 - 1000 sq.ft. per gallon per application, **PRO-FINISH TDC** will lubricate the surface, making the concrete easier and faster to finish. The material should be worked into the concrete during the floating or finishing stages (By hand or mechanical trowels). If desired, multiple applications can be applied and worked into the concrete to achieve higher levels of finishing and densifying.

Note: Do not apply heavier than 250 sq.ft. per application.

PERFORMANCE CONCRETE

When applied at 250 sq.ft. per gallon during the first bull float or mechanical trowel stage, the colloidal silica solution within the **PRO-FINISH TDC** will get worked into the cement matrix and maximize the chemical reaction and increase overall performance. Then apply **PRO-FINISH TDC** as needed to help finish the concrete.

STORAGE AND SHELF LIFE

PRO-FINISH TDC has a shelf life of 24 months from the date of manufacture. The material should be stored in its original container with the lid tightly fastened. Store in temperature ranges between 38° to 102°F or 3° to 39°C. Do not allow the material to freeze.

