

TECHNICAL DATA SHEET



POZZ PLUS

FOR THE PRODUCTION OF HIGH PERFORMANCE, UHPC, & GFRC

MULTI COMPONENT POWDERED ADMIXTURE
SIMPLIFIES PRODUCTION OF GFRC

INCREASES DENSITY / COMPRESSIVE STRENGTH
INCREASES FLEXURAL STRENGTH UP TO 200%

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DESCRIPTION

Trinic TEC 10 blended with Trinic white silica fume

BENEFITS OF USE

- Trinic multi-component powdered admixture pre-blended with Trinic white silica fume simplifies the production of GFRC, RPC, and ECC; no more mixing and matching several different admixtures at different dosage rates to produce high performance GFRC, RPC, and ECC
- Very easy to dose, less chance for human error
- Eliminates the overnight shipping costs, foaming, and moldy product problems associated with liquids
- Contains a high-quality UV stable micro polymer specifically designed for GFRC production, eliminates the need for a 7-day wet cure (proven through independent testing)
- Anti-foaming agents eliminate pinholes
- Improve color dispersion, intensity, and stability resulting in better color “pop”
- Contains specialized additives for water reduction
- Helps eliminate surface crazing, bowing, and curling
- Closes the internal capillaries within the GFRC matrix leading to a denser, more acid and stain resistant concrete
- Mixes faster than traditional GFRC, less cement clumps, more homogeneous mixes even with less than ideal mixers

DOSAGE RECOMMENDATIONS

Replace 10% of the portland cement with 13% Pozz Plus

TEMPERATURE / CURE RATE

Batch temperatures should be below 70°F for effective workability time. Do not exceed 140°F during curing process. Using ice as part of the mix water is an effective way to lower the batch temperature or use Trinic Hydration Stabilizer. Concrete should be covered with plastic to maintain moisture and strength gains, as well as prevent problems such as warpage and dry shrinkage cracks. Trinic Stage II Accelerator can be added to for early and ultimate strength gains.

MIX DESIGN

- 50% cementitious
- 87% Portland cement
- 13% Trinic GFRC Pozz Plus
- 50% sand
- Water to cement ratio: 0.30 to 0.34
- For backer coat, add glass fiber at 3% of the dry weight of the mix

You're ready to mix!

Self-Consolidating Mix is the same as above with the addition of Trinic Plasticizer at 0.25% to 0.75% of the total cementitious content.

ASTM TESTING

Flex Test: ASTM C-947-3

Length Change Test: ASTM C-494

Compression Tests: ASTM C-39

Please refer to our 2015 test results for more information. You can obtain a free copy by contacting Trinic or visiting our website.

PACKAGING

25 lb buckets
300 lb drums

COVERAGE /YIELD

5 lbs at 13% dosage will make up to 9 sq ft at 3/4" thick.
25 lbs at 13% dosage will make up to 45 sq ft at 3/4" thick.
300 lbs at 13% dosage will make up to 552 sq ft at 3/4" thick.

SHELF LIFE /STORAGE

Shelf life: 6 months
Storage: store in sealed container, keep away from moisture

DISPOSAL

Follow all federal, state, and local regulations when disposing of this product.

LIMITATIONS

For use in glass fiber reinforced concrete

WARRANTY

Warranty of this product, when used according to the directions, is limited to refund of purchase price, or replacement of product (if defective), at manufacturer / seller's option. Trinic products shall not be liable for cost of labor or direct and/or incidental consequential damages.

SAFETY DATA SHEET

SDS for all Trinic products can be found on our website or by contacting us directly.