

Graphene Concrete Additive

NanoTechCrete • SKUs: GI-CON-1GAL, GI-CON-5GAL, GI-CON-55GAL

PRE-MIXED, NEVER POWDER

PATENT PENDING

MADE IN THE USA

PRODUCT DESCRIPTION

A graphene concentrate for concrete, supplied ready to add so it fits into existing batching and mixing. Graphene is supplied pre-mixed in a liquid carrier, never as a dry powder.

WHAT IT'S FOR

Ready-mix and precast concrete, tested in your own mix design. Any change to a mix design should be confirmed by the project engineer.

Typical uses: Ready-mix and precast concrete, mortar, grout, pavers and repair materials.

CARRIER

Water-compatible concentrate, added with the mix.

DOSING

5% by weight of cement (5% of the cement, not of the whole mix).

NanoTechCrete is water-based, so it counts as part of the mix water. Keep total liquid (water plus NanoTechCrete) at $0.45 \times$ the cement weight, and reduce the mix water by the weight of NanoTechCrete added.

HOW TO USE

1. Shake or stir the container, then weigh NanoTechCrete at 5% of the cement weight.
2. Measure all of the mix water, using the reduced amount (total liquid minus the NanoTechCrete weight).
3. Stir the NanoTechCrete into all of the mix water until the color is even.
4. Add that liquid to the dry mix (cement, sand and stone, or bagged mix).
5. Mix for 5 to 10 minutes, until uniform. Scrape the sides and bottom once.
6. Place, finish and cure as normal. Keep the concrete damp while it cures.

Batch	NanoTechCrete	Water to add
50 lb Portland cement bag	2.5 lb	20 lb (about 2.4 gal)
80 lb Portland cement bag	4.0 lb	32 lb (about 3.8 gal)
1 cubic yard (670 lb cement)	33.5 lb (about 3.9 gal)	268 lb (about 32 gal)

Full instructions, including premixed 50 lb and 80 lb bags:

<https://grapheneintegrations.com/projects/graphene-concrete/mixing-instructions>. Run a small trial batch first and compare it with the same mix without NanoTechCrete.

TESTED PERFORMANCE

67% higher compressive strength at 5% by weight of cement, in independent third-party testing (2023).

Results depend on the cement, aggregates, water-cement ratio and curing. Any change to a mix design should be confirmed by the project engineer.

PACK SIZES

SKU	Size
GI-CON-1GAL	1 gal jug
GI-CON-5GAL	5 gal pail
GI-CON-55GAL	55 gal drum

Bulk quantities on request.

STORAGE AND HANDLING

- Keep the container tightly closed until use.
- Shake or stir well before measuring.
- Avoid contact with eyes and skin. Keep out of reach of children.
- See the Safety Data Sheet (SDS) for full safety information.

ORIGIN AND COMPLIANCE

- Patent pending.
- Made in the USA by Graphene Integrations, LLC, Charlotte, NC.
- Contains no carbon black.

Questions, samples or a quote? Graphene Integrations, LLC · Charlotte, NC, USA · frans@grapheneintegrations.com · +1 (704) 659-3682 · grapheneintegrations.com · Buy: <https://grapheneintegrations.com/store/graphene-concrete-additive>

The information in this data sheet is believed to be accurate as of October 23, 2026. Results vary with formulation, materials, dose and process; users should test and confirm suitability for their own application. This data sheet does not replace the Safety Data Sheet. Graphene Integrations, LLC · TDS rev. October 23, 2026.