ANCHOR™
BUILD SOMETHING BEAUTIFUL

Anchorplex™
RETAINING WALL SYSTEM

FREQUENTLY ASKED QUESTIONS

Q. Why is the Anchorplex™ retaining wall system recommended primarily for walls up to 10 feet high?

A. The Anchorplex system is a cost-effective solution for walls in a cut situation up to 10 feet high when traditional geogrid reinforcement is not an option because of lot lines, rock outcroppings or other obstructions that limit the amount of excavation that can be done. Up to this height, the Anchorplex system is almost always more economical than machine-placed "big block" walls, soldier pile and cast-in-place systems.

Q. Why not use the Anchorplex system for all cut-wall situations?

A. Traditional geosynthetic reinforcement installations are often a more economical alternative if there is sufficient room to perform the excavation.

Q. How does the price for structural backfill compare with the price for standard ready mix?

A. The structural backfill should cost about 10 percent lower than a standard ready-mix product. Structural backfill doesn't require the compressive strength of a standard ready-mix product and it doesn't include fines.

Q. When is retarder needed for structural backfill?

A. It should be included anytime when it would be used for a conventional ready-mix product.

Q. What is the difference between conventional ready-mix concrete and structural backfill?

A. Structural backfill is porous, has limited slump and less water content than traditional ready-mix concrete. Therefore, the structural backfill doesn't need forms, exerts less pressure on the retaining wall and does not ooze through the wall face.

Q. How is structural backfill placed behind the wall?

A. Structural backfill can be poured directly from the delivery truck for the first 2-foot lift. Once the structural backfill column is 2 feet high, a front-end loader is the quickest delivery system. A conveyor can also be used.

Q. Can structural backfill be pumped?

A. While structural backfill can be pumped, many ready-mix operations don't have the required equipment. Check with your supplier.

Q. What happens if the structural backfill becomes dry between pours?

A. Simply spray water on the surface and the back of the block for consistent adherence. There are no issues with cold joints and structural backfill.

Q. Does structural backfill need to be compacted?

A. No, structural backfill is self-compacting.

Q. If an inspection is required, what are the guidelines?

A. See your Anchor representative for the *Anchorplex™ System Quality Assurance Inspection Guide* or go to anchorwall.com\For Professionals\Retaining Wall Design Options\Anchorplex Wall System.

Q. What are the specifications and mix design for structural backfill?

A. See your Anchor representative or visit anchorwall.com for these documents.

These are general observations about the installation of the Anchorplex™ retaining wall system. Every situation is unique. Consult with a Professional Engineer about specific projects or call Anchor Wall Systems at 877-295-5415 for more information.