

TECHNICAL DATA

Product	Controlled Density fill
Minimum Strength	4N/mm ² @90 Days*
Maximum Strength	10 N/mm ² @90 Days*
Typical Density (Kg/m ³)	Less than 2000kgs/m ³
Workable life of fresh mix	3 Hours
Flammability	Nil

READY FILL Handling

CEMEX Ready Fill can be placed directly into the required area if access is available, or via a standard concrete pump. No special equipment is required for handling and placing.

READY FILL Use

CEMEX Ready Fill is of particular benefit where access is restricted or it is difficult to achieve compaction of regular fills. The flowing nature of Ready Fill means that services are entirely encapsulated, eliminating soft spots that could undermine, leading to damage of the embedded services. The flowability means that large areas can be filled very quickly, without the need for labour and plant intensive compaction operations. Once an area has been filled, it is typically ready for following works within 24 hours.

READY FILL Health and Safety

Provided normal health and safety rules are observed, CEMEX Readyfill® does not constitute a hazard to health. Avoid inhalation and can contact with skin as exposure may cause irritation. For more details please refer to our MSDS.



Call us toll free at 800CEMEX
For CASH Customers contact us at 800CEMEX4U

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READY FILL

CEMEX

Building the future™



READY FILL HOW TO PERFECTLY FILL AN EXCAVATION SITE?

Building an underground infrastructure, especially in an area with busy streets, requires a good organization of work. The works have to be performed quickly and very thoroughly, in order to prevent future problems, eg. pavement subsidence resulting from inadequate compaction of soil. **CEMEX** has prepared Ready Fill for its customers, designed for filling excavations, unused canals, etc.

READY FILL Complete Filling Guaranteed

Consistency of Ready Fill products warrants their excellent filling properties. Self compacting mixes – do not require using additional energy for compaction, and maintain properties of well compacted soil, stabilization or thin concrete (depending on the variant) after hardening. They are delivered to the construction site using mixer trucks, and unloading 1 m³ takes only 5 minutes.

READY FILL Excellent Properties

- Liquid consistency - ensures thorough wrapping of pipelines and excavations.
- Durability – 0 -10 MPA.
- Allows re-excavation with traditional earthmoving equipment.
- Self-compaction – products do not require vibrating or compacting.
- After hardening homogenous parameters across the entire volume, similar to compacted soil, stabilization or thin concrete.
- No subsidence after hardening.
- Resistant to wash out from leaks.

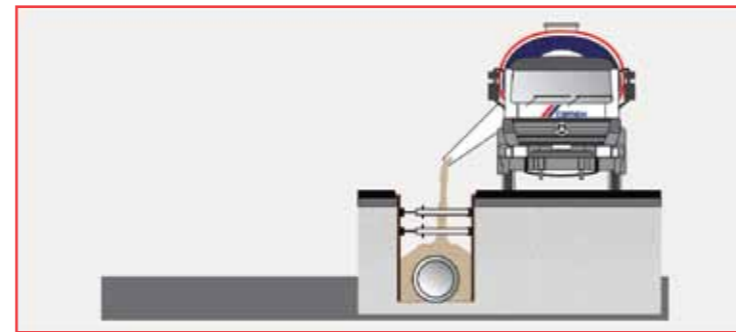
READY FILL Advantage of use

- Reduced construction time resulting from the lack of need for compacting.
- Low labor costs, equipment and network maintenance.
- Faster work execution under specific conditions (e.g. on heritage areas).
- Reduced risk of installation damage during construction.
- Narrowed excavation.

READY FILL Always the highest quality

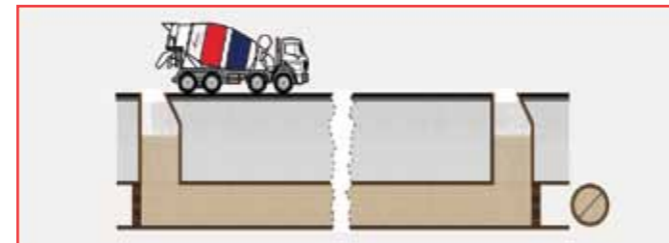
For manufacturing **Ready Fill** concrete we use best resources that meet the high requirements of the UAE. Their quality is constantly monitored by research institutes and facilities and additionally verified in **CEMEX** plants. A factory production control system, subjected to a voluntary certification by a third party, has been implemented in our plants.

READY FILL Possible Uses



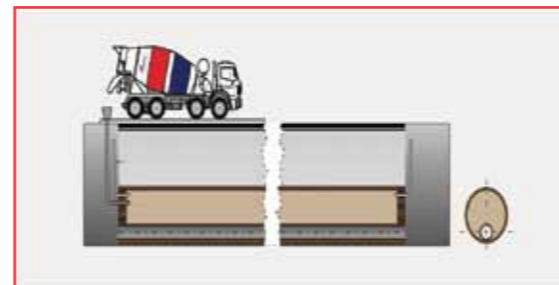
Filling Linear Trenches

Ready Fill blends allow filling of narrow space trenches without the risk of low compaction. It is also possible to narrow traditional excavations, which speeds up construction and brings economic benefits. By using Ready Fill we eliminate the risk of pavement subsidence resulting from low soil compaction in difficult areas.



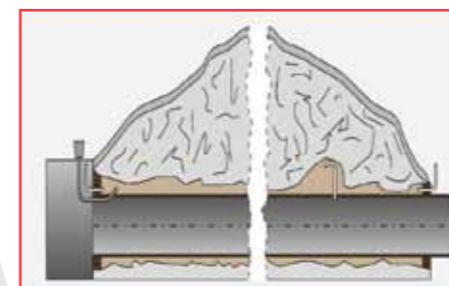
Filling Unused Pipes and Channels

Ready Fill products guarantee complete filling of channel cross section, which in turn reduces the risk of surface collapse. Finished blends, delivered by mixer trucks are unloaded directly into canal (venting must be ensured).



Filling Annular Spaces

Ready Fill blends allow for complete filling of annular spaces. It allows to mostly avoid the phenomenon of water condensation between discharge pipe and coating, which causes corrosion. Ready Fill products fill out even the smallest free spaces.



Filling void during Tunnel Construction

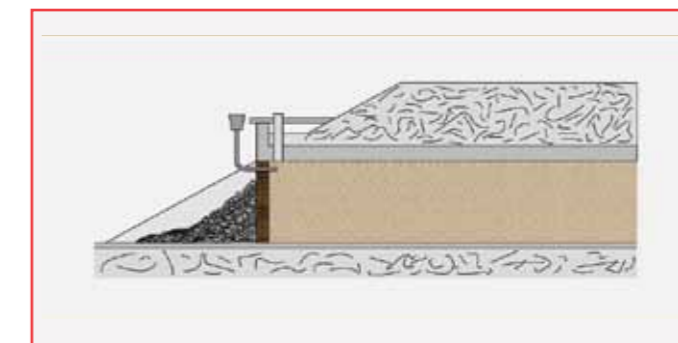
In order to allow quick and smooth tunnel construction, empty spaces between tunnel case and soil should be filled. Ready Fill blends allow for thorough wrapping of tunnel case and complete filling of all empty spaces that can be vented.

READY FILL Possible Uses



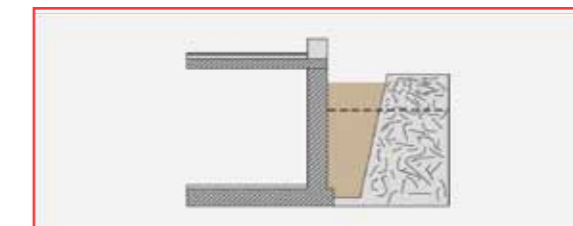
Filling expired underground containers

Using traditional method of filling expired undergrounds containers – using water and sand – does not ensure their complete filling. Pavement above may collapse under enough stress. Ready Fill products eliminate such risk. They fill out even the smallest empty spaces and protect old installations from collapsing. Alkaline properties of the Ready Fill blends also help to protect walls of containers from corrosion.



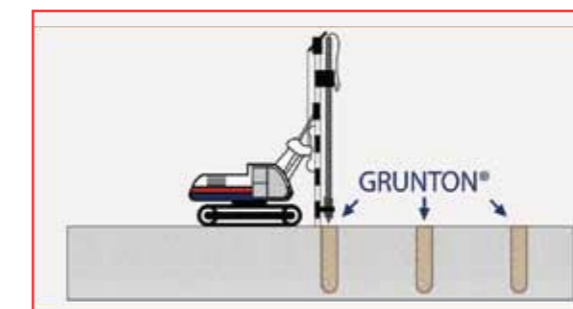
Filling restored or inactive undergrounds passages

Ready Fill blends allow to thoroughly fill the space between new and old structures of restored underground passages. They also warrant complete filling of inactive objects, which results in removing the risk of subsidence and collapse.



Filling space behind foundations and protecting work spaces

Using Ready Fill blends for secondary filling work spaces behind foundations prevents from subsidence of higher layers.



Replacing soils unfit for construction and deep reinforcing soils

Wide range of durability and high liquidity of the Ready Fill blends make them a perfect material for replacing soils unfit for construction or an injectable material in deep reinforcing of soils.