InfraCrete® is a performance enhancing for cement. InfraCrete® is a mineral additive, which is applied together with cement. The mixing ratio is always 98 m-% cement (Cem I portland cement with at least 95% clinker ratio) plus 2 m-% InfraCrete®.

InfraCrete® is performance enhancing and it neutralises the fulvic and carboxylic acids and thus boosts the cement hydration processes. Structural changes by the additional new formation of minerals during the cement hydration lead to a considerable increase of the pressure resistance, the modulus of elasticity, the bending tensile strength and frost resistance (without crack formation).

**Your advantages at a glance**

- InfraCrete® base layers are...
  - load-bearing and durable
  - frost resistant and waterproof
  - salt and acid resistant

**InfraCrete® base layers require**...

- no excavation
- no waste disposal
- no filling material

The world is built on InfraCrete®

Soil Stabilization & Ground Improvement

InfraCrete® is a hydraulic binder system that is used for the replacement of base layers and anti-frost layers. The new base and anti-frost layers are created from the existing soil. The existing soil is converted using a soil stabilization with cement and InfraCrete® and the main advantage is that no excavation must take place.

CEMENT + InfraCrete® YOUR SOIL

<table>
<thead>
<tr>
<th>Compressive strength</th>
<th>Frost resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 days</td>
<td>Not frost-proof</td>
</tr>
<tr>
<td>7 days</td>
<td>Frost-proof</td>
</tr>
<tr>
<td>28 days</td>
<td>Frost-proof</td>
</tr>
</tbody>
</table>

*When will you start using InfraCrete®? Drop us a line or give us a call! The InfraCrete® team is looking forward to receiving your request without engagement.*

info@infracrete.com

+41 (0) 44 388 92 21

InfraCrete® gmbh

Hägnistrasse 22

CH-8702 Zollikon

Company number: CHE-492.829.273

Commercial register of Canton Zurich

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IS YOUR GROUND SUFFICIENTLY LOAD-BEARING?

Does your project require a ground improvement or soil stabilization? Are you annoyed about the necessity of a soil exchange, which causes costs for excavation, waste disposal and filling material and which also requires compliance with environmental regulations and finally reduces your profit?

SO, WHY DON’T YOU JUST MAKE YOUR EXISTING GROUND MORE STABLE?

InfraCrete® is the intelligent cement additive, which together with cement makes your existing ground sufficiently load-bearing!
Fast and easy! No excavation, no waste disposal, no filling material! Save up to 35 percent of costs and up to 40 percent of time!

InfraCrete® is being used worldwide for many years and base layers being constructed with InfraCrete® are durable, load-bearing, frost resistant and salt and acid resistant.

APPLICATION AREA

Parking areas and roads, logistics properties and real estate, windmills and biogas plants, container terminals, industrial areas and harbour facilities – InfraCrete® is the cost-efficient solution for load-bearing grounds!
Is Your ground sufficiently load-bearing?

Does your project require a ground improvement or soil stabilization? Are you annoyed about the necessity of a soil exchange, which causes costs for excavation, waste disposal and filling material and which also requires compliance with environmental regulations and finally reduces your profit?

So, why don't you just make your existing ground more stable?

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**Application area**
- Parking areas and roads
- Logistics properties and real estate
- Windmills and biogas plants
- Container terminals
- Industrial areas and harbor facilities

InfraCrete® with InfraCrete® in general

Ground improvement for all kind of construction projects can be realized time- and cost-efficiently using the InfraCrete®-Technology. InfraCrete® makes the soil of your construction site a load-bearing ground, which is the first step for a successful project.

**InfraCrete® for the road construction**

InfraCrete® base- and anti-frost-layers are much thinner than conventionally constructed layers made of gravel. You can save time and money on the one hand and benefit from the durability and high load-bearing capacity of the road with InfraCrete® base- and anti-frost-layers on the other hand.

See more at www.InfraCrete.com

Contact us now at +41 (0) 44 388 92 21
**INFRACRETE® – STEP BY STEP**

**THE SOIL** of your site is being examined in the laboratory in order to find out, whether it can basically be stabilized with cement and InfraCrete®. This can be carried out in either one of our partnering laboratories or in one laboratory of your choice. No worries, we will accompany and tell you what matters!

**THE BINDING AGENT** per square meter of surface to be stabilized is being calculated dependent on the laboratory tests, the soil class and the future load. The binding agent always consists of 98 M-% cement (CEM I) and 2 M-% InfraCrete®.

**THE CONSTRUCTION SITE** is being prepared by providing its trafficability, the reduction of the water content of the ground if applicable and the protection of underground pipes.

**THE BINDING AGENT** is being spread on the ground. Depending on the size of the site, different tools shall be used (mounted spreaders, self-propelled spreaders, etc.) in order to guarantee the exact dosage of the binding agent.

**BY USE OF ROTARY TILLERS** the binding agent is being milled into the ground. Small mounted rotary tillers shall be used for smaller sites and self-propelled tillers shall be used for larger sites in order to work efficiently.

**THE IRRIGATION** of the surface is supposed to be the following step. In case of the use of self-propelled rotary tillers the irrigation takes place at the same time as the milling. The irrigation is necessary to provide the water for the cement hydration.

**THE FINE LEVEL** is being made by a grader in order to provide a plain surface for the following compaction.

**THE COMPACTION** with a roller compactor is the final work step.

**THAT’S IT!**
Thus, almost every soil can be stabilized: fast, easily and cost-efficiently! Without excavation, waste disposal and filling material!
InfraCrete® is a hydraulic binder system that is used for the replacement of base layers and anti-frost layers. The new base and anti-frost layers are created from the existing soil. The existing soil is converted using a soil stabilization with cement and InfraCrete® and the main advantage is that no excavation must take place.

InfraCrete® is a mineral additive, which is applied together with cement. The mixing ratio is always 98 m-% cement (CEM I portland cement with at least 95% clinker ratio) plus 2 m-% InfraCrete®. InfraCrete® is performance enhancing and it neutralises the fulvic and carboxylic acids and thus boosts the cement hydration processes.

Structural changes by the additional new formation of minerals during the cement hydration lead to a considerable increase of the pressure resistance, the modulus of elasticity, the bending tensile strength and frost resistance (without crack formation).

**THE USE OF INFRACRETE®**

**YOUR ADVANTAGES AT A GLANCE**

**INFRACRETE® BASE LAYERS ARE ...**
- load-bearing and durable
- frost resistant and waterproof
- salt and acid resistant

**INFERACRETE® BASE LAYERS REQUIRE ...**
- no excavation
- no waste disposal
- no filling material

**INFRACRETE® IS PERFORMANCE ENHANCING FOR CEMENT**

InfraCrete® is a mineral additive, which is applied together with cement. The mixing ratio is always 98 M-% cement (CEM I portland cement with at least 95% clinker ratio) plus 2 M-% InfraCrete®.

InfraCrete® is performance enhancing and it neutralises the fulvic and carboxylic acids and thus boosts the cement hydration processes.

Structural changes by the additional new formation of minerals during the cement hydration lead to a considerable increase of the pressure resistance, the modulus of elasticity, the bending tensile strength and frost resistance (without crack formation).
InfraCrete® is a performance-enhancing mineral additive that is applied together with cement. The mixing ratio is always 98% cement (Cem I Portland cement with at least 95% clinker ratio) plus 2% InfraCrete®.

InfraCrete® neutralizes fulvic and carboxylic acids, thus boosting the cement hydration processes. Structural changes by the additional new formation of minerals during the cement hydration lead to a considerable increase in pressure resistance, modulus of elasticity, bending tensile strength, and frost resistance (without crack formation).

Your advantages at a glance:
- Load-bearing and durable
- Frost resistant and waterproof
- Salt and acid resistant

InfraCrete® base layers require:
- No excavation
- No waste disposal
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AND WHEN WILL YOU START USING INFRACRETE®? DROP US A LINE OR GIVE US A CALL!

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