

# ecobETON<sup>®</sup>

## Ecobeton Vetrofluid

THE PERFECT PROTECTION FOR YOUR CONCRETE



- EXPOSED CONCRETE
- PRECAST CONCRETE
- CONCRETE TANK
- CONCRETE PIPES
- GENERAL CONCRETE
- CONCRETE POLISHING





## Protect your concrete using Ecobeton Vetrofluid!

**Ecobeton Vetrofluid** refines and impregnates your concrete on a natural basis without solvents and thus extends its service life.

**Ecobeton Vetrofluid**, provides reliable protection against freeze-thaw de-icing salt oppressive water, corrosion and chemicals, and hardens the concrete surface.

**Ecobeton Vetrofluid** protects and preserves the substance of all concrete surfaces indoors as well as outdoors, thus ensuring the long-term value retention of your investments.

Best of all, you can use **Ecobeton Vetrofluid** both on fresh and cured concrete.

**Ecobeton Vetrofluid** has proven itself in many projects and has convinced users of its unique advantages.

## Application possibilities for Ecobeton Vetrofluid!

Wherever concrete is exposed to the effects of weathering, dirt, acids, corrosive chemicals and mechanical stress, the use of **Ecobeton Vetrofluid** offers you enormous advantages.

- When it comes to walls, for example, with exposed concrete surfaces, noise protection walls and walls in the area of warehouses, further on with pedestrian walkways, paving stones, New Jersey walls and much more.
- For concrete tanks.
- External facades, exposed concrete, prefabricated elements.
- Whenever you want to extend the service life of your concrete at a reasonable price.





## The most flexible protection for your concrete!

**Ecobeton Vetrofluid** offers reliable and durable protection for everything made of concrete. It can be used easily and cost-effectively in every phase of the life of concrete surfaces and all concrete parts:

- When constructing new concrete surfaces
- For already hardened concrete surfaces
- For precast concrete parts and suburban concrete
- For renovation of concrete surfaces and concrete parts



Biogas Plant



Architect's House



Salt Depot



Stall

EverCrete Vetrofluid

**ecobeton**



## And that's how Ecobeton Vetrofluid works!

**Ecobeton Vetrofluid** is a modified sodium silicate, also known as "water glass." It contains a unique catalyst that allows it to penetrate the treated concrete to a depth of 40 millimeters. Developed here **Ecobeton Vetrofluid** its unique depth-effect by reducing the pores of concrete "glazed."

The reaction of **Ecobeton Vetrofluid** takes place in the concrete and not on the concrete like other products. Therefore, **Ecobeton Vetrofluid** is not a coating and, unlike a coating, cannot peel off the surface of the concrete.

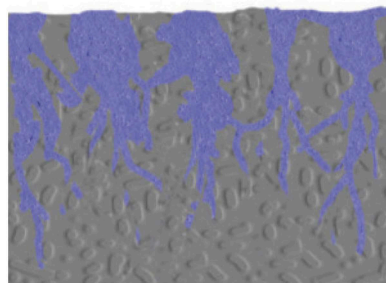
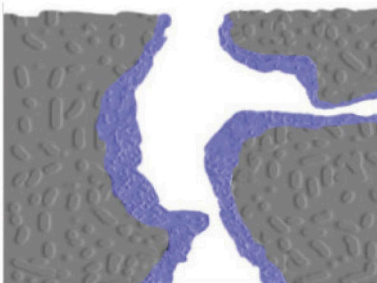
This is how **Ecobeton Vetrofluid** helps you win permanent protection against moisture, corrosive chemicals, dusts and sands.

## And it's so easy to protect your concrete

**Ecobeton Vetrofluid** is preferably sprayed onto the surface to be protected. The treated surface can be walked on after about 30 min. It couldn't be simpler!

**Ecobeton Vetrofluid** is ecological and does not contain any solvents, surfactants or alcohol. It can be applied to any phase of your construction.

**Ecobeton Vetrofluid** is certified according to EN 1504-2 CE.



**Ecobeton Vetrofluid** penetrates up to 40 mm into the concrete depending on building material density. Hardens and "glazes" the pores of the concrete. This significantly improves the quality of the concrete in the long term.





## The convincing properties and advantages of **Ecobeton Vetrofluid**

objects.

- Penetration depth: up to 40 mm (deep penetration)
- Hardening time: 4-10 days.
- Increased freeze-thaw resistance and thawing cycles according to DIN CEN TS 12390-9
- High-pressure jet resistance and flushing resistance according to DIN 19523
- Seals normally to waterproof concrete
- Water pressure resistance up to 7 bar
- Interrupts hydrostatic moisture leakage
- Vapor permeable according to DIN 52615
- Acid resistant up to pH 2.5
- Prevents dust and sands
- Increased abrasion, scratch and tensile adhesion strength
- Non-flammable according to DIN 53213
- Odorless
- Environmentally friendly
- Free of surfactants, solvents, alcohol and plasticizers
- Quality brand OVGW Water
- Drinking water approval
- Prevents the growth of microorganisms according to DVGW worksheet W 270
- CE mark 0120 according to EN 1504-2

Sewage treatment plant





## References or why not buy a pig in a poke

The **Ecobeton Vetrofluid** is based on the technology of "glazing" which goes back as far as the 19th Century. Original water glass paints from this period still exist today in excellent condition.

Facades in Switzerland for example, the "White Eagle" in Stein am Rhein or the town halls in Schwyz (1891), Oslo (1895), and Traunstein (1891) are impressive proof of the effectiveness of this technology because they have been well preserved.

**Ecobeton Vetrofluid** has been successfully used for decades in numerous large construction projects throughout Europe and the Pacific Rim.

## About Ecobeton-USA

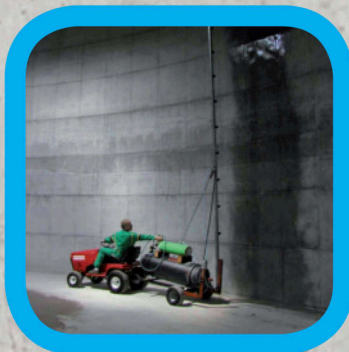
The **ECOBETON-USA®** is part of the **ECOBETON®** group, headquartered in Oslo, which specializes in manufacturing and selling environmentally friendly and effective products for concrete and building material.

## Additional product from Ecobeton USA®

**EverWood** - for impregnation of wood.

- Mildew Resistant
- Fire Retardant

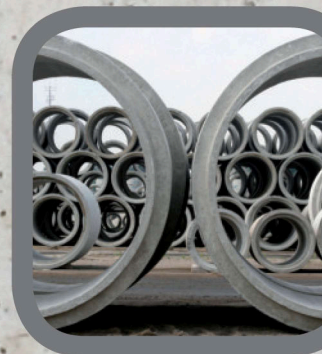
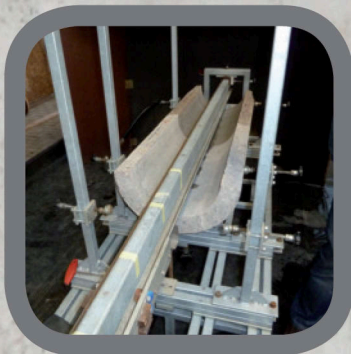
Simple Protection







High pressure test on pipes



Bridges

**Ecobeton  
Vetrofluid**

Retention basin /  
underpass



Bobsleigh track  
Olympic Games 2006





# ecobETON®

Are interested in the possibilities offered by **Ecobeton Vetrofluid**? Just give us call - We will be happy to advise you.



Free Field Sales Partner

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