



NATURAL CEMENT

UNIQUE AND DURABLE



Water & sanitation





VICAT PROMPT FOR WATER, SANITATION AND ENGINEERING WORKS

Impermeable and fast repair
options for many aspects of
construction!

VICAT PROMPT is a light ochre coloured, rapid setting, adjustable natural cement. Manufactured according to the same process for more than 150 years, this natural hydraulic binder has a very low water permeability coefficient under heavy dosing.

VICAT PROMPT is authorised to display the NF trademark: NF P 15-314 [prompt natural cement] and NF P 15-31 [see work]. It is a CE marking holder since 13 June 2007 conforming to the European Technical Approval: ETA – 07/0019 – Certificate No. 0679-CPD-0227.





Natural cement allows the rapid return to use of hydraulic structures

Work and application fields

Waterproofing of masonry work, repair of Fountains, ponds, tanks, reservoirs and swimming pools, all types of structures immersed under water.

Advantages

- Rapid and adjustable setting with Tempo
- Good behaviour in pure, acidic and sulphated waters
- Good behaviour in sea water (NF P 15-317)
- Very good adhesion to all types of masonry supports
- Economic solution
- Excellent durability

Usage precautions

- Do not overdose with water, mix or add further water once the initial set has begun.
- The supports must be cleaned and purged, with all dust and debris removed and the area being worked on damped down to control suction, prior to application.
- For landscaping works, fountains etc, fill with water, rinse, brush and drain to eliminate the laitances. It is preferable to use fine sands (0/1 to 0/2) for these types of works.





THREE USAGE SOLUTIONS

1 As a Prompt mortar

- > To waterproof manholes/chambers, concrete/clay pipes, tanks, reservoirs, pipelines, pits, damproofing even plug running water in masonry and repairs to a variety of concrete structures.
 - > To repair basins, reservoirs and swimming pools: replaster, crack repairs, wall conduits (Sleeves), concrete works requiring sealing.
- NOTE: It is recommended to use fine sands [0/1 or 0/2] for these types of work.

DOSES FOR THE PREPARATION OF PROMPT MORTAR



Apply in two crossed passes:
1st pass to regulate surface
2nd pass to finish (working green on grass)

2 As a Prompt concrete

- > For all types of Immersed structures: wall bases, small stiffeners, man holes and chamber bases

DOSES FOR THE PREPARATION OF PROMPT CONCRETE



SETTING TIME - RATE



| Mortar temperature | 10°C | 20°C | 30°C |
|----------------------------------|------------|------------|------------|
| Setting time without Tempo | 4 minutes | 2 minutes | 1 minute |
| Setting time with "Tempo dosing" | 30 minutes | 15 minutes | 10 minutes |

SHORT - AND LONG-TERM STRENGTH BUILDUP

| Durations | 15 min | 1 hour | 3 hours | 1 day | 7 days | 28 days |
|--------------------------|----------|----------|---------|---------|---------|----------|
| Average values (MPa) | 5.5 | 7 | 9 | 15 | 23 | 32 |
| Specifications NFP15-314 | > 4 | > 6 | > 8 | > 10 | > 14 | > 19 |
| Durations | 3 months | 6 months | 1 year | 2 years | 5 years | 10 years |
| Average values (MPa) | 40 | 45 | 52 | 60 | 63 | 67 |

[Sand/cement in weight = 1/1, E/C = 0.32]



The Advantages

- Very low water permeability coefficient
- Rapid return to use where necessary

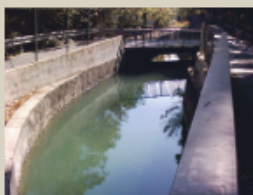


3 As a pure compound (neat Prompt without sand)

- > For the lining of waterways and repairing of immersed cracks only.

PREPARATION OF THE PURE PASTE

Mix the PROMPT natural cement with water until a "mastic" filler consistency is obtained and apply to the area to be treated for at least two minutes. Depending on the dimensions of the repair being made, it is preferable to apply several small mixtures until the repair is complete taking care to "overlay" the previous mixture whilst "green" to facilitate bonding.



DOSEAGE BY VOLUME



3 volumes of Prompt



for 1 volume of water







Important:
The mixing and the application are generally done by hand (gloves must be worn).





FOUR GOOD REASONS TO CHOOSE VICAT PROMPT

- 1**  Rapid masonry
 - 2**  Water & sanitation
 - 3**  Restoration & decoration
 - 4**  Eco construction
- For more information or to receive the brochures, contact us at the following email address: cimentnaturel@vicat.fr

PROMPT Natural Cement is distributed in the UK through the IONIC group of companies.

For further information on the supply and use of PROMPT please contact them on 0800 505 3802

www.ionicbuildingsupplies.co.uk



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