

Decorative coating - Entreprise Intérieur Chanvre (71).

Work and application fields

hemp**▼solutions**

Associated with a load-bearing structure (concrete or wood), Vicat hemp concrete forms a monolithic constructive system with very few joints and giving the structure excellent properties, in new buildings and renovation. They are used for insulating floors, walls, partitions and roofs. They also allow lightweight surfaces on upstairs floors and insulating coatings.

Advantages of hemp **solutions**

- 100% natural solutions
- Thermal conductivity (λ) of 0.05 to 0.09 W.m⁻¹K⁻¹
- Permeable to water vapour
- Acoustic absorption
- Carbon dioxide storage
- Totally recyclable

Lime / natural cement mixtures

With the same mineralogical nature, Prompt natural cement strengthens the properties of lime for permeable pavements and coatings (indoors and outdoors).

Advantages of lime / Prompt

- Conservation of the permeability of works
- Excellent durability
- Fast laying
- Low natural shrinkage
- Cold weather work

VICAT PROMPT



information or brochures, contact

us at the following e-mail address: cimentnaturel@

OUR GOOD REASONS TO CHOOSE VICAT PROMPT









Eco construction

You work in the application of mortar and hemp concrete – ask for our hemp ▼ solutions guide.

This will provide all necessary information concerning the application and performance of Vicat mortar and hemp concrete.



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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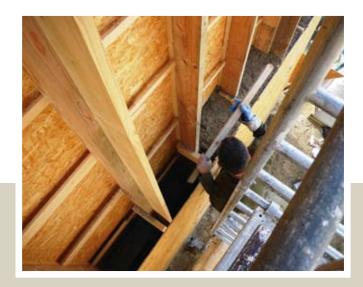
VICAT PROMPT

NATURAL CEMENT

UNIQUE AND DURABLE









PROMPT VICAT AND ENVIRONMENT-FRIENDLY CONSTRUCTION

Go for natural!

PROMPT VICAT is natural cement, without additions, cooked at low temperature like lime. Natural cement has been produced by the same process for over 150 years, and is the ideal binder for bio-sourced aggregates and mixtures with lime.

PROMPT VICAT has the advantage of the NF mark: NF P 15-314 (natural prompt cement) and NF P 15-317 (offshore work). Since 13th June 2007, it holds CE marking according to European Technical Approval: ETA-07/0019 - Certificate no. 0679-CPD-0227

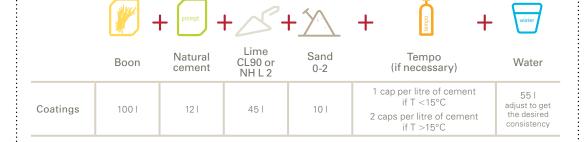


TWO SOLUTIONS FOR USE

hemp solutions

> Isolation of flooring, walls and partitions, roofing, insulating coatings and lightweight screeds.

TYPICAL DOSING 25 I in the mixer Insulating floors 27 Lin the cement mixe 100 l 24 Lin the mixer Insulating walls 1 sac ou 25 kg 30 I in the cement mixe 2 flasks per bag if if T > 15°C 44 Lin the mixer Insulating roofs I sac ou 25 kg 48 I in the cement mixe



- > Before using, refer to the guide for applying hemp concrete
- > TEMPO is essential for presented applications to observe the pace of work related to eco-construction.
- // > In outside finishing, applied by machine or by hand, the fat lime plaster from Lime Green Products Ltd are compatible with Vicat hemp concrete. Refer to the manufacturer's technical data sheet (www.vpi.vicat.fr).

TECHNICAL CHARACTERISTICS (FOR ABOVE DOSAGES)

	Thermal conductivity W.m ⁻¹ K ⁻¹ *	Resistance to compression (MPa)
Insulating walls	0.07	> 0.2
Insulating floors	0.07	> 0.3
Insulating roofs	0.05	> 0.05
Coatings	0.09	> 0.3

THERMAL RESISTANCE m²KW⁻¹

thickness (cm)	5	10	15	20	25	30
Floor	0.70	1.40	2.10	2.90	3.60	4.30
Wall	0.70	1.40	2.10	2.90	3.60	4.30
Roof	1.00	2.00	3.00	4.00	5.00	6.00
Coating	0.60	1.10	1.70	2.20	2.80	3.30

The € of natura cement

- Quick remova
- Quick
- Thickness and







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Lime / natural cement mixtures

> Permeable pavements, coatings (indoors and outdoors)

TYPICAL DOSING OF MORTARS FOR COATINGS (in conformity with DTU 26-1)

Rough-cast - 1 2 Coating body 3 1 10	in volume	NHL 2 ou 3,5	Natural cement	Sand
- 1	Rough-cast	-	1	2
	Coating body	3	1	10
Finishing 3 - 10	Finishing	3	-	10

TYPICAL DOSING FOR PERMEABLE PAVEMENTS



NH L 2 or 3.5 1 35 kg bag

cement half bag of 25 kg

mixture

The e of natural cement

- Accelerates lime
- Quick hardening
- High load per laying
- Allows work in cold weather
- Respects the characteristics of the lime



^{*} Results at 0% humidity. The values should be increased from 20 to 30% to reflect the humidity of the air