

INSTITUT
GÉOPOLYMÈRE

www.geopolymer.org



Ralph Davidovits
Francesco Volpintesta
Adrien Blanchart



Natural Prompt Cement

Substitute for GGBS Slag ?

Natural Prompt Cement

- From Vicat cement company in France, in the Alps, at Grenoble. Calcium hydrate. Limestone incl. 30% clay Calcined at 1100°
- Inspired the invention of Portland cement clinker, 200 years ago.
- Only water. Accelerate the setting time at room temperature for geopolymer cement.



Natural Prompt Cement

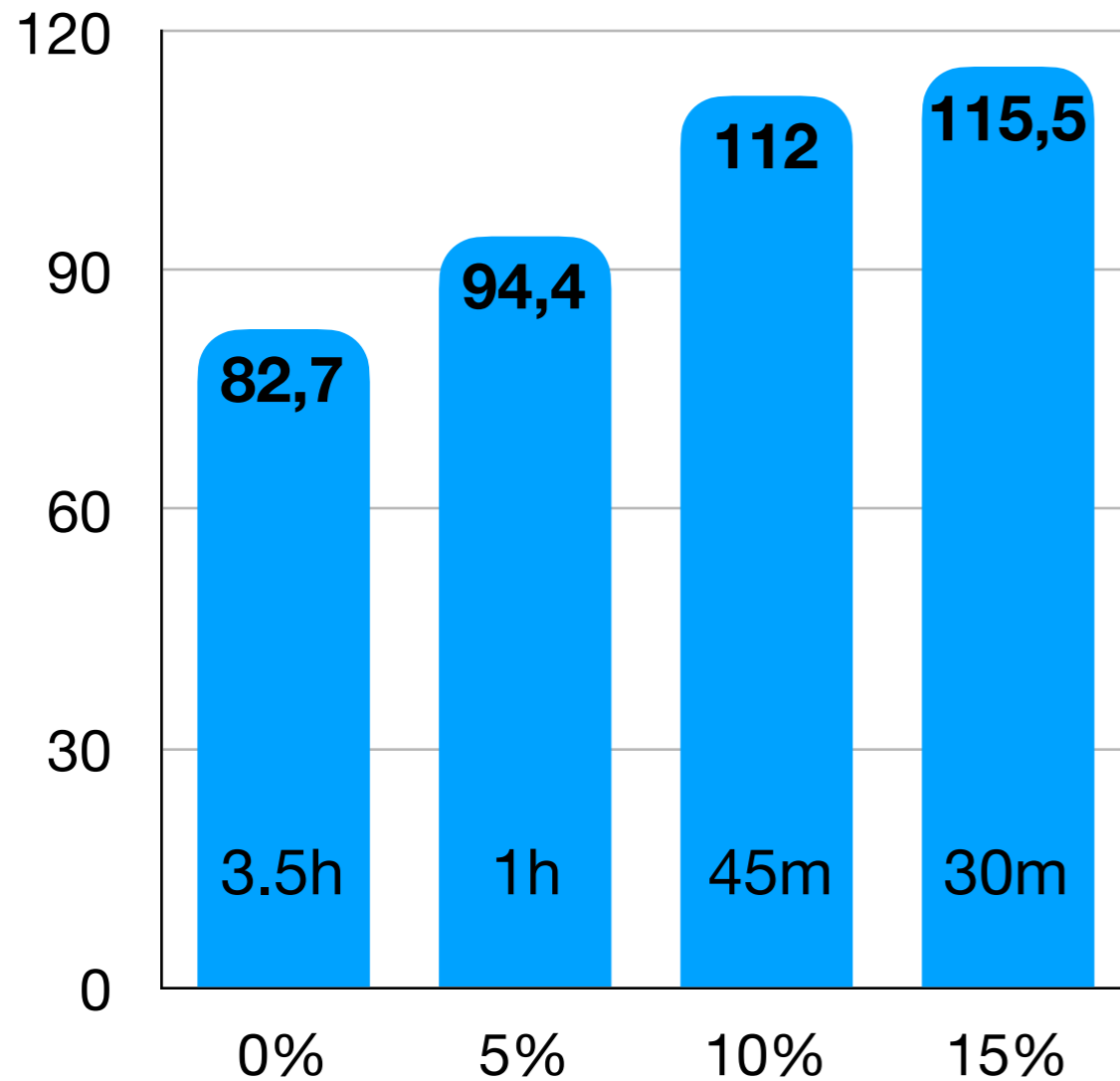
- Pot-life with geopolymer cement:
1 hour with 5%wt of the mix
45 minutes with 10%wt of the mix
20 minutes with 15%wt of the mix

Metamax + Geosil K 14517 + 80%wt
Cristobalite (d50 100 μm)

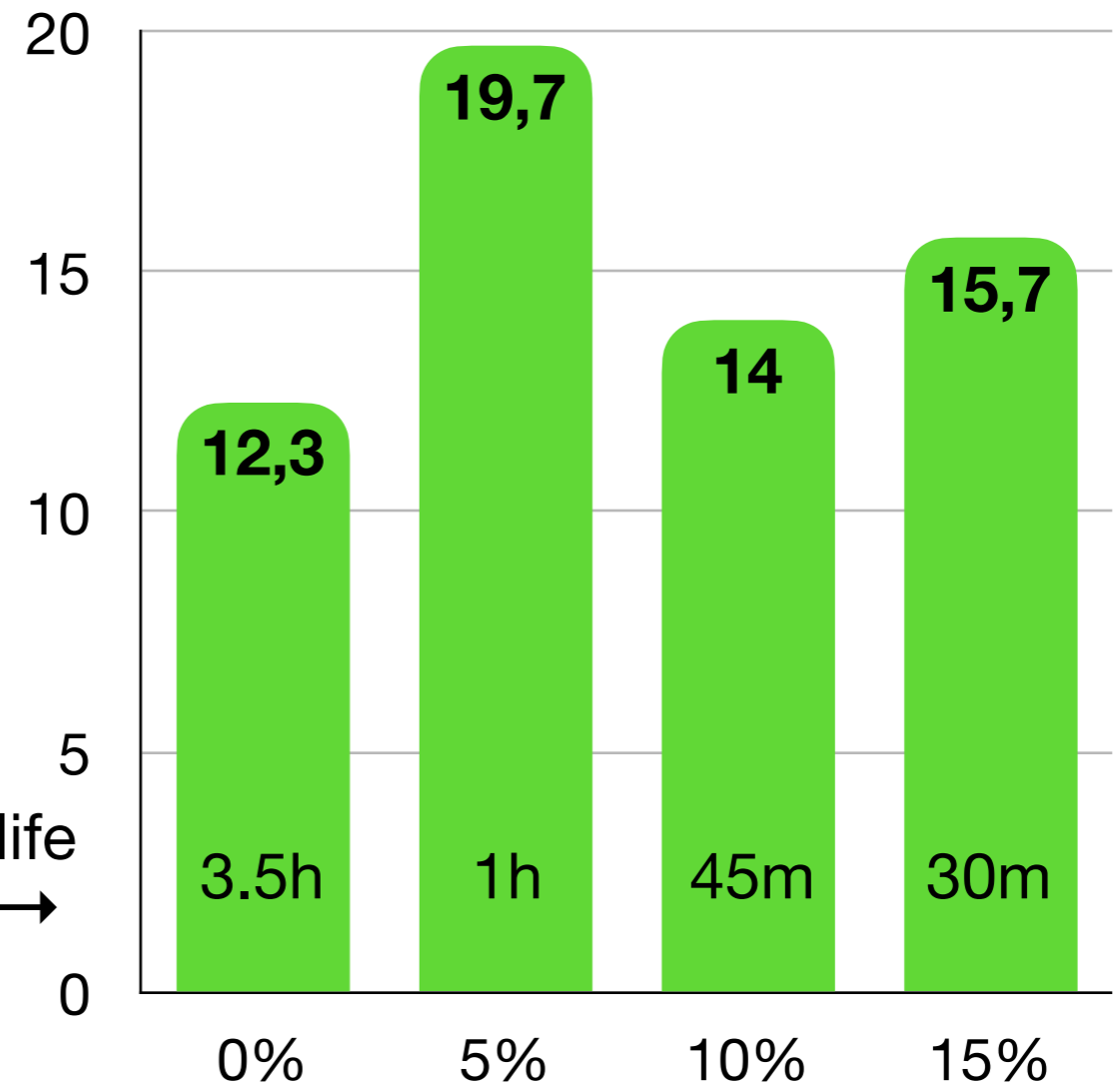


Natural Prompt Cement

28 days at 25°C
Compressive - MPa



28 days at 25°C
Flexural - MPa



Pot-life
← →

Formula: Metamax + Geosil K 14517 + 80%wt Cristobalite (100µm)



Vicat Natural Prompt Cement are distributed worldwide.

Marco Cappellari : marco.cappellari@vicat.fr

For technical support and R&D:
vicat.technicalassistance@gmail.com