



PROJECT SHEET
Stone Paving

CHÂTEAU D'IF, MARSEILLE

THE PROJECT

Fortification off the coast of Marseille, the Château d'If was built in 1524 on the Frioul archipelago.

A former pirate stronghold and prison, this iconic site

welcomes nearly 100,000 visitors annually.

Exposed to harsh weather and heavy foot traffic, the paving stones required restoration.



Owner _____

French National Monuments

Architect _____

M^r Botton
Chief Architect
of Historic Monuments

Contractor _____

Vivian & Cie

Duration _____

4 months

Delivery date _____

April 2019



TECHNICAL APPROACH

**Concrete formulation
(Lime/PROMPT)**

- Binder: 400 kg/m³
- Mix: NHL 5 lime + CNP (25–50% depending on salt exposure)
- Aggregates: sand (0/4) + crushed gravel (4/6 and 6/10) for joint texture and pedestrian grip

Same formulation used for paving and jointing

It is possible to use the TEMPO retarder to adjust the setting time.

**VICAT ADVANTAGES**

- Technical support for the client in mix design
- Compatibility of natural PROMPT cement with lime

**PERFORMANCE
REQUIREMENTS**

**Natural ochre
color**



**Rapid setting
and hardening**



Marine resistance



For more information, contact Jean-Philippe Bruasse, Technical Trainer & Advisor PROMPT:

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