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La science au service des monuments et des sites
Wissenschaft im Dienst historischer Bauten und Anlagen
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NO – REINSKLOSTER PLASTER ANALYSIS



Zusammenfassung:

The render binder is a lime with some latently hydraulic parts. These could be on one hand the observed brick parts but on the other hand, the hydraulic properties of the mortar could as well be the result of the use of a limestone containing some silicate materials, e.g. clay, for the binder production.

No cement phases could be observed in the render material with the methods applied here. Hence there is no indication that the render should be modern.

The whitewash on the surface of the mortar is a lime containing a non-negligible amount of a hydraulic material. As for the mortar binder, this could have been produced by burning a non-pure limestone.

Whitewash and render adhere very closely to one another. The whitewash was probably applied when the render was still wet.