

Saxkøbing Toldbod, Denmark

Project Name:	Saxkøbing Toldbod, Old Custom Building
Country:	Denmark
Owner:	Holger Kristiansens Eff. A/S International Shipping and Transport, Saxkøbing
Architect:	GFK Architects, Saxkøbing
Vandex Applicator:	Saxkøbing Murerfirma ApS, Saxkøbing
Construction Period:	1999



The Situation before:

The building is an old customs building located at the old harbour in the town of Saxkøbing.

It suffered damage from rising damp and salt attacks.

In the past, it has been flooded by seawater a few times, and below the wooden floor there was a lot of salt efflorescence directly on the ground. The plaster had crazed, and exhibited extensive salt efflorescence.

The Vandex Solution:

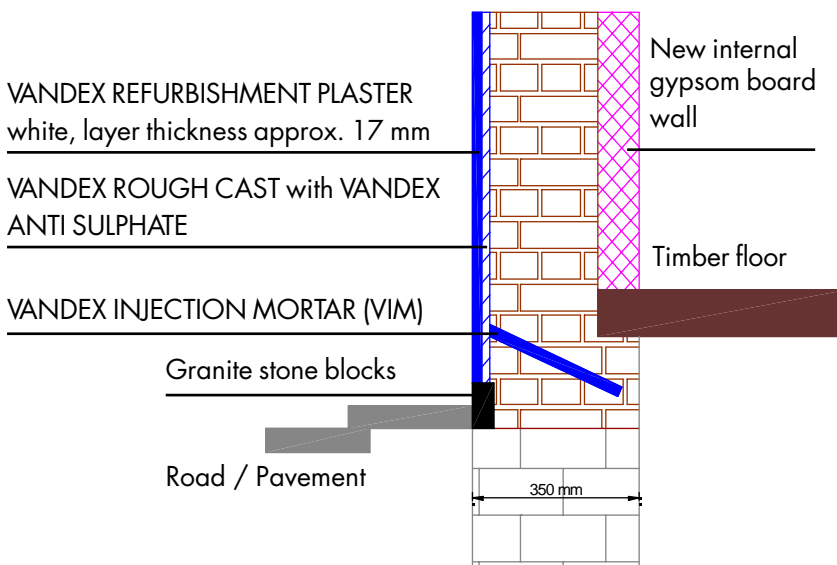
The selected Vandex refurbishment treatment is designed to avoid constant replastering and painting of the surfaces due to spalling and cracking. Furthermore it was decided to plaster the entire building, to achieve a uniform decorative finish.

The first step was to stop the rising damp in the brickwork by injecting VANDEX INJECTION MORTAR (VIM). The base of the walls, (35 m²) affected by salt efflorescence were treated with VANDEX ROUGH CAST and VANDEX ANTISULPHATE.

The rest of the building was also treated with VANDEX ROUGH CAST and finally plastered with VANDEX REFURBISHMENT PLASTER white. Deteriorated areas at the corners and at the entrance were reconstructed with VANDEX REFURBISHMENT PLASTER white.

The maximum layer thickness applied is app. 17 mm. This was also a constraint on the chosen solution since some of the decorative features around windows and at the entrance were not to be touched.

Cross Section of Outside Wall



Technical Information

Products Used:	VANDEX INJECTION MORTAR (VIM) VANDEX BB 75 VANDEX ANTI SULPHATE VANDEX ROUGH CAST VANDEX REFURBISHMENT PLASTER white
Areas Treated:	Basement and facade walls
Total Treated Area:	70 m ² , 340 m ²



Damaged cracked corner at the front before refurbishment work started



Damaged render left to the entrance before refurbishment work started



Right side of the building treated with VANDEX REFURBISHMENT PLASTER white as finish before painted



Entrance, lower part treated with VANDEX BB 75 and upper part with VANDEX ROUGH CAST



VANDEX ROUGH CAST on the left and VANDEX REFURBISHMENT PLASTER white on the right



Harbour view of the finished building