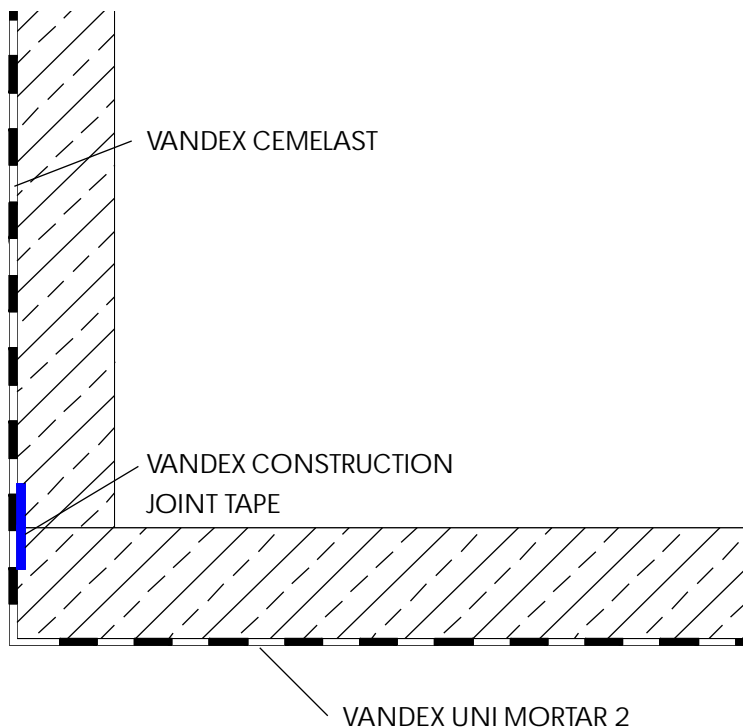


Below ground waterproofing, Switzerland

Project Name:	Stanzwerk
City:	Unterentfelden
Country:	Switzerland
Owner:	Privately owned
Vandex Applicator:	Hunziker Casimir AG
Construction Period:	2005



Cross section



Technical information:

Products used:	VANDEX UNI MORTAR 2, VANDEX CEMELAST, VANDEX CONSTRUCTION JOINT TAPE
Areas treated:	foundation, basement walls, joints
Equipment:	spray gun, trowel, broom
Total treated area:	600 m ²

The situation:

The Stanzwerk Unterentfelden needed an extension of its production facilities. The new building is located right next to the existing. For the waterproofing of the extension a wide range of Vandex products came to use. The foundation slab was waterproofed by applying VANDEX UNI MORTAR 2 directly to the mud slab, thereby creating an external waterproofing. After the pouring of the concrete walls the vertical and horizontal construction joints were sealed with VANDEX CONSTRUCTION JOINT TAPE bonded with VANDEX CEMELAST. Finally the below ground walls were coated with the elasticised waterproofing slurry VANDEX CEMELAST for increased safety in case of cracking.

Due to the high compatibility of Vandex products to concrete the waterproofing works could be executed in a short time directly after removing the formwork. This led to a highly efficient and cost-saving waterproofing system.

The Vandex solution:

- Application of VANDEX UNI MORTAR 2 to the blinding concrete by broom and brush
- waterproofing of horizontal and vertical construction joints with VANDEX CONSTRUCTION JOINT TAPE
- waterproofing of the below ground basement walls with VANDEX CEMELAST



Application of VANDEX UNI MORTAR 2 on to the blinding concrete



Waterproofing under the foundation with VANDEX UNI MORTAR 2



Application of VANDEX CONSTRUCTION JOINT TAPE on horizontal joints



Application of VANDEX CONSTRUCTION JOINT TAPE on vertical joints



Prepared surface for the application of VANDEX CEMELAST



Waterproofing with VANDEX CEMELAST