

# Brick Residence in Heusden-Zolder, Belgium

**Surface Type:** Brick | **Products Used:** STAIN-PROOF Original™ | **Completed:** June 2014

**Accredited Applicator:** Stone Protection | **Email:** info@sealer.be |

**Website:** [www.stoneprotection.be](http://www.stoneprotection.be)



## THE PROJECT:

A homeowner in Heusden-Zolder, Belgium wanted to protect their brick home from water damage and moisture absorption in order to prevent deterioration to the brick structure and foundation as a result of freeze-thaw spalling.

## SPECIAL REQUIREMENTS:

- Superior stain protection from water and oil
- The sealer must be permanent
- The sealer must be breathable
- Must prevent freeze-thaw spalling

## THE DRY-TREAT SOLUTION:

In cold climates, water that has been absorbed into the pores of brick can freeze. Frozen water can expand by up to 9 percent. When this happens close to the surface microscopic pieces of brick can break off. As with salt spalling, over time this can cause visibly deep damage.

For this reason, Stain-Proof was used because it provides superior water and oil repellence. The invisible, impregnating sealer permanently bonds to the pores of brick through a chemical reaction. The protective barrier will significantly reduce water ingress and subsequent freeze-thaw and salt spalling.

The homeowner chose not to seal the entire house but to seal only the areas exposed to driving rain, namely the façade, rear, chimney, and angled cuts. Stain-Proof was applied to the upper sections of the house using a tall ladder and long sprayer. The application to the lower sections of the house was applied using a low-pressure nozzle.

Dry-Treat provides a 15-year performance warranty when the product is applied by a Dry-Treat™ Accredited applicator.



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