

The Bruul: Mechelen, Belgium

Surface Type: Portuguese Granite | **Products Used:** Eff-Erayza, Oxy-Klenza, 40SK, & Stain-Proof Original | **Completed:** September 2015

Accredited Applicator: Sealer Bvba | **Email:** info@sealer.be | **Website:** www.sealer.be



THE PROJECT:

The Bruul, also known as Abbey Street, is a popular street in Mechelen, Belgium known for its shopping. It's the main street in Mechelen that connects the Dijle river to the Grote Markt (Grand Place). The street was recently renovated and has sustained a lot of rust marks and stains as well as discarded chewing gum. Miranda and her team was tasked to clean the street and seal it before the reopening.

SPECIAL REQUIREMENTS:

The project requirements were:

- The sealer must provide long term protection against oil and water-based staining
- Protection against freeze-thaw spalling, efflorescence, and prevent rust marks
- The appearance of the surface should be maintained
- Sealer must withstand the heavy pedestrian traffic
- Sealed surfaces should be easier to maintain and clean
- Long lasting - eliminating the need for re-application

THE DRY-TREAT SOLUTION:

Cleaning:

For cleaning, Miranda and her team have chosen to use Oxy-Klenza™ -- a powerful, oxygen-based alkaline cleaner -- for general cleaning and stain removal.

The rust marks that formed from the iron of the Portuguese granite was removed by Eff-Erayza™, a new-technology, safer-to-use acid. However, without proper protection, these rust marks will return. Eff-Erayza™ was also used to remove any hardened cement that happened during the renovation.

Sealing:

The sealers chosen for this project were the DRY-TREAT 40SK™ and STAIN-PROOF™ Original. 40SK was used for areas that were exposed to water, to give the stone the added strength during the cold season, where freeze-thaw action occurs. STAIN-PROOF™ Original was used for other areas. The sealers were applied with low-pressure sprayers.

Both STAIN-PROOF™ Original and DRY-TREAT 40SK penetrate deep into the pores of the material, chemically bonding with the material. This means that the sealer will withstand the high foot traffic and maintenance of the Bruul. In fact, once cured, the only way to remove the sealer is to physically remove the part of the surface that has been penetrated by the sealer. Because of this, Dry-Treat sealers provide long lasting protection against water and oil-based staining and damage caused by water ingress such as freeze-thaw spalling and efflorescence.

STAIN-PROOF™ Original and DRY-TREAT 40SK™ both come with a 15-year warranty if applied by Accredited applicators. The longevity of the sealers eliminates the need for re-application, reducing maintenance costs.

