

## Tree Roots vs House Foundation Bélisle Project - Montréal, Québec

The foundation of this centennial house could not resist the force of tree root intrusion. The roots had made their way through the foundation and some had even grown through the concrete floor in the basement of the house. The tree is located on city property, there was no question that the tree be cut down and the city would not accept any responsibilities for the damages done to the house.

For root intrusion, the only solution is ..... **Biobarrier!**

### Installation

A trench was dug in the front of the centennial house.



The foundation and footing were exposed.



Biobarrier was positioned on the vertical slope and secured in place using plastic pegs.



Biobarrier was also applied over the horizontal section of the footing.



For waterproofing, the foundation wall was treated with an elastomeric asphalt, extruded insulation panels were then placed over the foundation wall before filling the trench with soil.

**Biobarrier's performance is guaranteed for 15 years, but could well exceed 20 and even perhaps 25 years!**

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