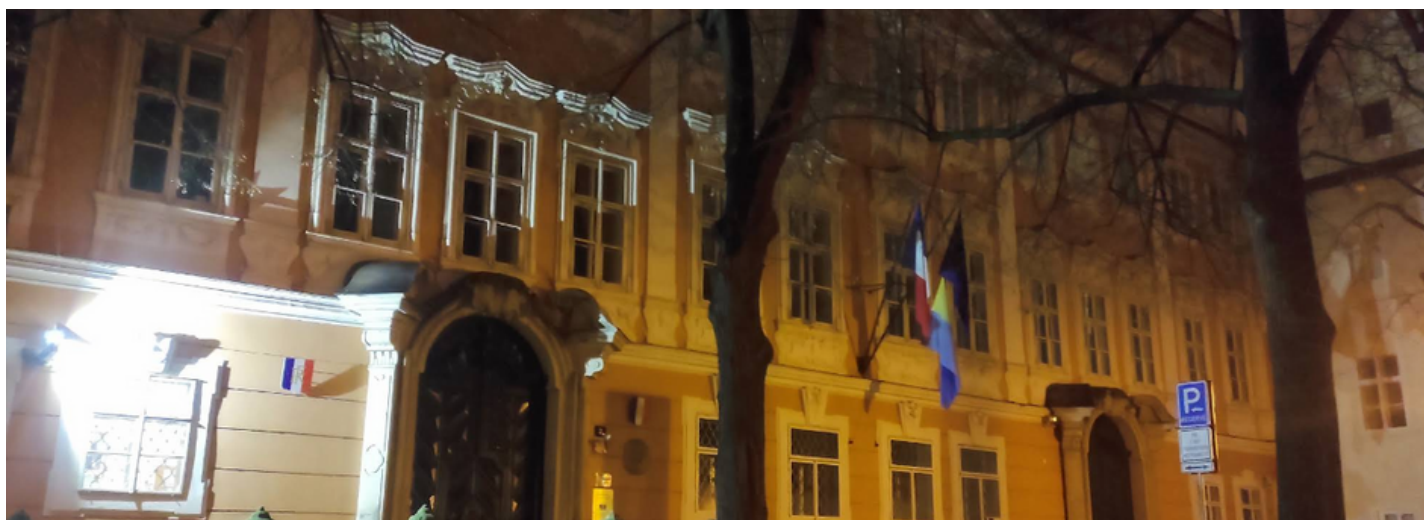




CASE STUDY



Objectives

The Embassy of France in Prague, a historic early 20th-century building symbolizing Franco-Czech relations, faced significant challenges from rising damp. The primary objectives were to preserve the building's architectural heritage, protect its interior finishes and contents, and ensure a safe, professional environment for diplomatic activities while addressing moisture-related issues without compromising its historical integrity.

Solution

The embassy installed the IPE 62 Rising Damp System, an advanced electro-osmosis technology that combats rising damp by reversing capillary action through low-frequency electromagnetic pulses. This non-invasive, chemical-free solution was chosen for its ability to effectively address moisture infiltration without drilling or structural alterations, ensuring the preservation of the building's historic fabric. The system's success was further validated by a certification letter from the embassy, confirming its positive impact.

Prague CZECH REPUBLIC Embassy of France

Benefits one

Halted rising damp, protecting the embassy's walls, decorative elements, and structural integrity for long-term preservation.

Benefits two

Reduced humidity levels to create a healthier, more comfortable space for staff and visitors, enhancing the embassy's functionality.

Benefits three

Installed without altering the building's original fabric, aligning with conservation principles and offering a cost-effective, energy-efficient solution.



APIBASSADE DE FRANCE IN THE
REPUBLIC CZECH

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Ref. 2025-0049687

Subject: Installation and use, since November 2022, of a device to treat rising damp: the I.P.E 62 from BFL International, the French Embassy in Prague.

In November 2022, an I.P.E 62 electromagnetic polarity reverser was installed on the premises of the French Embassy in the Czech Republic by BFL International, a company specializing in humidity treatment.

The Palais Buquoy, a jewel of French heritage in the Czech Republic and home to the French Embassy since 1919, comprises a group of buildings, many of which date back to the 17th century.

Built close to Charles Bridge, on the left bank of the Vltava River, they are characterized by their thick walls and the diversity of their materials, as well as by the many transformations and restorations carried out over the years. Their proximity to the river and the harshness of Prague's winters require constant vigilance regard to humidity.

Installation of the IPE 62 housing was simple and . It installed on a particularly thick and damp stable wall, in which an old drinking trough is embedded.

An initial progress report, after seven months' use, already showed satisfactory results.

After a year and three months of use, this observation is confirmed: the treated wall is dry and its coating intact.

I hereby certify that the use of the I.P.E 62 supplied by BFL International has given complete satisfaction, and we considering extending its use other Embassy premises.

Prague, February 7, 2025



A handwritten signature in blue ink, appearing to read 'Delphine VIDAL'.

Secré Delphine VIDAL
talm Générale d bassade