



Skyspace Lech

2018

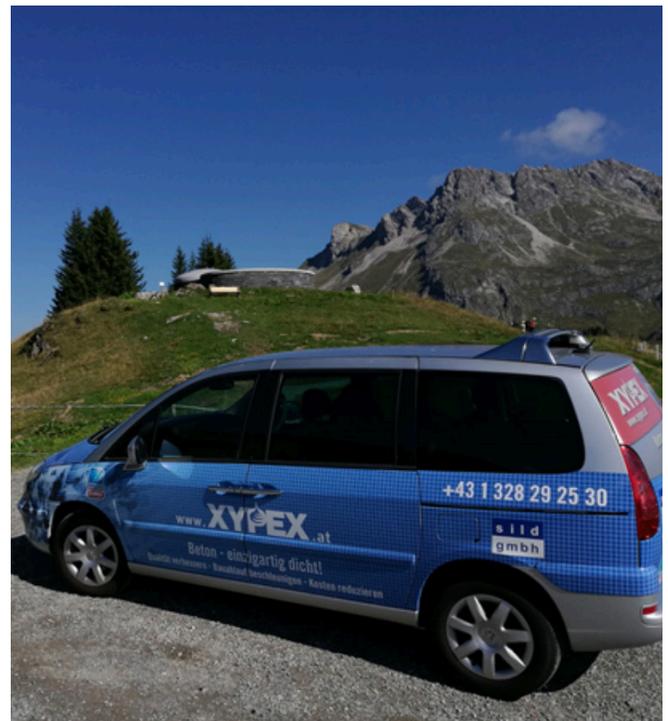
ABOUT THIS PROJECT:		
Market Segment: General Construction	Architect: Baumschlager Eberle Architekten	Products Used: Xypex Admix C-1000 NF
Location: Lech, Austria	Design: James Turrell	

In the breathtaking alpine setting of Lech, Austria, at 1,780 meters above sea level, Skyspace-Lech stands as an architectural marvel designed by James Turrell.

This project, realized by Baumschlager Eberle Architekten, faced the formidable challenge of integrating this circular underground structure into the rugged mountainous landscape, offering visitors unique views that connect the Biberkopf summit and Bürstegg village with the Omeshorn mountain.

To overcome the harsh weather conditions typical of high-altitude environments and the remote location, the project team made an early, pivotal decision to incorporate Xypex Admix C-1000 NF into the concrete.

This admixture, known for creating a chemical reaction that generates a non-soluble crystalline formation within concrete, was crucial for ensuring the structure's longevity. It made the concrete impermeable to water, capable of self-healing cracks up to 0.5mm, and significantly improved its resistance to chemical attacks and freeze-thaw cycles.



This integration of Xypex Crystalline Technology significantly reduced the need for additional waterproofing methods, material, and labor costs, highlighting the team's dedication to quality and sustainability.

Visitors enter Skyspace-Lech through a 15-meter tunnel, leading to a lightroom where the distinction between man-made and natural blurs, capturing the essence of Turrell's artistic vision. The use of Xypex in the construction of Skyspace-Lech not only ensured the structural durability of this unique art installation but also preserved its aesthetic integrity, blending seamlessly into the alpine landscape for generations to admire.

To learn more about how Xypex protects structural concrete, [click here](#).

