

## Osiedle Sadowa Apartments (Elbląg, Poland)

<b>Classification</b>	New construction
<b>Type of structure</b>	Apartment buildings
<b>Place/Time</b>	Elbląg, Poland February 2020



<b>Project</b>	<p>Developed by EL INVEST Development, Osiedle Sadowa is a modern urban housing estate with over 100 apartments in Elbląg. It covers an extensive 2.5-hectare area including a large green area, playground, and outdoor gym. Access to the city center is very easy thanks to the neighborhood's connection with Grunwaldzka Avenue while maintaining a quiet and secluded location on Sadowa Street.</p> <p>Designed to be an urban-friendly housing estate, the project would naturally include an underground car park.</p>
<b>Purpose for application</b>	<p>The developer required the underground car park to remain dry for the entire life cycle of the building and chose integral waterproofing with Krystaline Add1 for all below grade slabs and walls.</p> <p>The project was done during the winter months and as such the use of cold weather application techniques for the concrete were used successfully during the application. The cold weather made locally prescribed external waterproofing methods difficult to apply.</p>
<b>Application</b>	<p><b>Krystaline Add1</b> was added at the plant during the batching process in 1 kg water soluble bags to waterproof a total of 1000 m<sup>3</sup> of concrete.</p> <p>Construction joints were waterproofed with cast-in-place metal waterstops.</p>
<b>Results</b>	<p>The project was completed successfully. The product received very positive feedback from the site manager and concrete supplier.</p>

Aerial photo:



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