

05.03.2025

if Design award 2025 for our project Betonsilo



Date

05.03.2025

if Design award 2025 for our project Betonsilo: from zero to hero
- engineered and handcrafted excellence in adaptive reuse

Transforming industrial relics into contemporary architecture is a formidable challenge, demanding both precision and vision. The innovative repurposing of the Concrete Silo at Düsseldorf's Plange Mühle exemplifies technical ingenuity at its finest - elevating the site from zero use to full capacity, integrating modern workspaces within its historic framework.

The project's structural complexity is staggering: ten 25-meter-high concrete tubes - cylindrical, monumental - demanding a thoughtfully calibrated intervention. To maintain structural integrity, the longitudinal cuts in the interior silo walls were executed pairwise and sequentially, with each removal carefully followed by the insertion of new slabs. This phased approach ensured stability while simultaneously unlocking flexible spatial configurations.

Heritage preservation shaped every decision. The exterior's raw industrial presence remains, punctuated by carefully placed openings that introduce daylight while preserving the silo's rhythm. Structurally precise yet poetically restrained, this transformation revives both an artifact and its urban context.