

DURA VERMEER: HIGH PERFORMANCE INTEGRATED DESIGN AND CONSTRUCTION

With a 160-year heritage in the industry, Dutch firm Dura Vermeer aims to become one of the Netherlands’ top three highest performing construction companies. To get there, it is focussing on implementing Building Information Modeling (BIM), and has made Autodesk BIM Collaborate Pro a key part of its strategy.

Through full integration of digital technology, starting from the design phase, Dura Vermeer can increase transparency and collaboration between project stakeholders, accelerate the design process, and facilitate a more efficient construction process. Aiming to reduce failure costs by 10% every year, the company is constantly looking for ways to improve processes.

Results

- Time to construction reduced by 25%
- Reduced design rework and failure costs across projects
- Accelerated training process for subcontractors

“[With Autodesk BIM Collaborate Pro] we significantly reduced a large number of project changes, increased the speed of a construction-ready design and completely eliminated the IT efforts for project initiation.”

Sander de Zee, *BIM Manager, Dura Vermeer*

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How they did it

Dura Vermeer's methodology

Coordinating success

Orchestrating the movements of thirteen different modelers

During Dura Vermeer’s execution of Huis van Delft, a residential project in South Holland, every partner involved was required to test the technical feasibility of the complex design together, in one digital model.

Using Autodesk BIM Collaborate Pro*, Dura Vermeer was able to direct collaboration between subcontractors across each of the project stages. This improves communication and decision-making, results in a greater quality model before physical construction work begins.

* BIM Collaborate Pro formerly named BIM 360 Design

Accelerating subcontractor onboarding

Ensuring fast, effective training of project teams on new tools

Controlling coordination and risk in an organized and transparent way is key to project success. Therefore, it was crucial for Dura Vermeer to invest in properly training project teams on their new tools.

By upskilling users on Autodesk BIM Collaborate Pro, Dura Vermeer streamlined implementation of the software. By training and guiding subcontractors in a hands-on environment on live projects, users now have the knowledge and skills to guide the implementation of Autodesk BIM Collaborate Pro on new projects.



The bottom line

Key benefits of Dura Vermeer’s approach

- COORDINATION BETWEEN
STAKEHOLDERS
- EFFICIENT SUBCONTRACTOR
ONBOARDING
- ACCELERATED TIMELINES

“Digitization leads to improved building processes and thus, to satisfied customers. Because we want to scale up these benefits, we are driving the roll-out of BIM throughout the entire chain.”

Ronald Dielwart, *Directory Board, Dura Vermeer*

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