Wood Floor Bonding – Office Building in Copenhagen, Denmark

Time Saving and Economical Installation of a Huge, Attractive Wooden Floor

Wood Floor Bonding:  SikaBond® AT-82  
SikaBond®-T52 FC
Wood Floor Bonding in Big Projects

Project Overview
The name of the project is Amager Boulevard and it is located in the centre of Copenhagen / Denmark. The building is used for multipurpose use but a big part are offices for an IT company. The entire project is 16'000 m². The installed “industrial parquet” was full surface bonded.

Requirements
Due to the time pressure the installation had to be very fast. The applicator (CJ-Erthversgulve) is a fairly new customer of Sika Denmark and was very quickly convinced by the performance of the SikaBond® Dispenser-5400. Sika Denmark demonstrated the dispenser, and he was even more impressed when he saw the dispenser working at a competitor.

Sika Solution
In total 16'000 m² of wood floor had to be installed. Thereof 11'000 m² were installed with SikaBond® AT-82 and the remaining 5'000 m² were installed with SikaBond®-T62 FC. Both products filled in 1’800 ml unipacs and applied with the dispenser.

Speciality
At the beginning of the installation the screed had a slightly too high moisture content. Therefore the applicator applied a higher amount of adhesive than it is necessary for bonding alone. The excess adhesive (consumption 1.4 kg/m²) works as adhesive and moisture barrier at the same time. As the construction was proceeding and the screed was trying out to required level, the consumption was reduced to approx. 1 kg/m². The adhesive only has the function for bonding alone.
Project Participants
Project Management: Sika Denmark
Applicator: CJ-Erhversgulve

Conclusion
The project was acquired because of the application with the dispenser. This new client got the hint from a worker which used to work with the dispenser at a competitor. Sika got the job mainly because of the easy application with the dispenser. The laying time was 3.5 times faster than they calculated with the hand application.