

DESCRIPTION



The Craeybeckxtunnel, stretching 1,600 meters and recognized as the widest tunnel in Belgium, serves as a vital link between the Antwerp Ring Road and the A1/E19 motorway towards Brussels. As part of a major renovation project, Atkore was responsible for the complete replacement of the tunnel's lighting system. A fire-resistant cable management solution was chosen, ensuring functional integrity in the event of extreme conditions such as fire. This approach highlights the importance of safety, reliability, and long-term performance in critical infrastructure projects.

Craeybeckxtunnel Antwerp

Location: Antwerp, Belgium

Contractor: Equans

DETAILS

SECTOR:

Infrastructure

PRODUCTS:

P3300TH10
HDWK200
HDHSLECL300
HDKBS60.200.150

DATE: 2025

CHALLENGES



One of the key challenges in this project was the installation of the lighting system directly onto the cable trays—an unconventional approach that required custom solutions and precise coordination. This non-standard mounting method demanded a high level of technical expertise to ensure both safety and durability in the tunnel environment.

SOLUTION



To address the mounting challenge, C-profiles were installed to support both the lighting fixtures and the fire-resistant cabling system. Although there were initial concerns about whether the profiles would provide sufficient strength, they ultimately proved to be a reliable and robust solution for safely suspending both the lighting and cable trays.