



RENOLIT

*Rely on it.*

# On the (B)RIGHT track...

RENOLIT ALKORBRIGHT



# Gent Sint-Pieters railway station.

## CHALLENGE

*Gent Sint-Pieters, the main railway station in Ghent, is undergoing a spectacular metamorphosis today.*

*The listed main building, constructed for the 1913 World Exhibition, has to remain untouched. Behind the old building however the platforms, waiting rooms and the central passengers corridor are being entirely refurbished. Architect Voncke's objective was to create a pleasant atmospheric site with a 35,000 sqm open and attractive central hall, broadened and completely covered platforms and renovated rails. Functional, well-designed and above all spacious!*

*As the 12 rail tracks had to stay on ground level, the passengers alley was excavated to a lower level under the railroad tracks. This necessitated permitting considerable daylight to enter the underlying levels.*



## SOLUTION

Transparent canopies, featuring large glass sections and translucent floors were all designed with this purpose in mind. To gain even more light the architect chose **RENOLIT ALKORBRIGHT** for waterproofing the platform canopies. The six long rectangular platform blocks, differing in height, are interconnected and make one large roof. The white highly reflective **RENOLIT ALKORBRIGHT** membrane on top of the construction reflects the daylight through the high side windows. A clever way to add extra day-light to the underlying areas.

The 1.05 m wide PES-reinforced membrane is fixed mechanically onto a steel frame with OSB plates. Due to the height of the canopies, a considerable number of fasteners is required to withstand the high wind loads, not only on the upper but also on the lower surface of the canopies. Corners and edges have a perfectly smooth finish thanks to the use of the **RENOLIT ALKORPLUS<sub>81040</sub>** contact glue.

In fact, a proper technical execution of roofing contractor Albitum completely in accordance with the rules of the art. The entire refurbishment works of this new prestigious railway station are estimated to be completed by 2024.

**RENOLIT ALKORBRIGHT** will not only offer shelter from rain and adverse weather conditions but will also brighten up the waiting hours of passengers. One membrane, double gain!





## GENT SINT-PIETERS RAILWAY STATION

- Ghent, Belgium
- Project management: N.V. Eurostation
- Roofing contractor: ALBITUM - Ardoois
- Architect: Jacques Voncke

### PRODUCTS

- RENOLIT ALKORBRIGHT 35276, 1.5 mm, white (12,000 sqm.)
- Steel structure
- OSB

