GIGAMEDIA
SMART BUILDING SOLUTIONS

WAALSE KROOK
Waalse Krook, Gand, Belgique

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END CUSTOMER	Waalse Krook
LOCATION	Ghent (Eastern Flanders, Belgium)
OBJECTIVES	Equip the location with a certified, fire-resistant cable guaranteeing 10-gigabyte connection
PROPOSED SOLUTION	Cat6A F/FTP Gigamedia-certified fire-resistant cable
CONTRIBUTORS	Ensolutions.be (Installer) , Coussée&Goris (architect),VK Architects & Engineers (special technical studies) Scrl Waalse Krook (general contractor), Abbscis architecten, Bopro (design office)

GIGAMEDIA AT THE HEART OF THE KNOWLEDGE ECONOMY WITH THE WAALSE KROOK IN GHENT!
(Waalse Krook, Gand, Belgique)

THE PROJECT

More than 150,000 metres of Gigamedia cable and vast numbers of the brand's products have been deployed in a vast multimedia complex within the young and dynamic city of Ghent in Belgium.

The Waalse Krook is an area of 13,714 m2 devoted to culture and information. A marvel of design and technology which houses a public library-media library, a media and information research centre for art and culture, as well as meeting places including a café, a restaurant, a park, a square, and so on. The centre, located next to the university in the south of the city, will open in March 2016.

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The Waalse Krook will become a special place and will act as a breeding ground for the future economy and knowledge.

To find out more about this place, please visit the website (in Flemish): http://www.dewaalsekrook.be

GIGAMEDIA'S CONTRIBUTION

The 150,000 metres of cable installed by a partner, specialised in laying structured cabling systems (www.ensolutions.be), are based on Gigamedia's CAT6A F/FTP Fire retardant technology. This cable, composed of an overall foil and aluminium/polyester shielding on each pair, enables excellent measurement and certification results (NEXT, ACR, ELFEXT, etc.) and an optimised signal-to-noise ratio, in order to guarantee a 10Gbits/s throughtput (10GBASE-T). The outer LSFROH jacket provides an additional level of safety in buildings, when compared to standard LSZH cable, as it non-fire propagating (according to IEC 60332-3).

This cable is specially designed to meet standards IEC 60332-3, EN 50266 and NBN C30-004 F2 standards with a fireproof and halogen-free sheath, which does not give off/release toxic or corrosive fumes. Its electrical performance is also certified by an independent third-party body.

Discover the technical sheet for this product GGM C6AFF4PFRT5 ici.

In addition to this fire-retardant copper cablin system, Gigamedia supplied 12 and 24 fiber indoor/outdoor distribution cables, as well as numerous Gigamedia products : fiber optics, distribution panels, cabinets, cable managements, RJ45 racks, boxes, connectors, and much more.

Yellow LSHR-FR jacket
Aluminium tape
Drain wire
Aluminium/polyester tape
PE dielectric
Copper conductor AWG23

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