

LEONI *projectreport*

Safety technology 2/2010



BETAflam® safety cables
NHXH and NHXCH E30/E90



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West Gate, Zagreb

Croatia's biggest shopping mall – equipped with BETAflam® safety cables

As sure as you will find a bargain in this shopping mall so certain you can be of the reliability of the BETAflam® safety cables used in the construction.

In Zagreb, "ZAGREB-SHOPPING-CITY" is being built on an area of 1,000,000 m² and currently represents one of the biggest construction sites in Europe. The first stage of building was devoted to the WEST GATE ZAGREB shopping mall.



Based on plans drawn up by ATP Vienna and ATP Zagreb the biggest shopping mall in Croatia was constructed within the space of only 15 months.

ZAGREB-SHOPPING-CITY

The gross floor area is 227,000 m², with the actual sales area covering roughly 98,000 m². The remaining area of 400 m² is shared by a large ice-rink, a bowling alley and a 3,500 m² indoor playground.

Halogen free and flame retardant LEONI BETAflam® safety cables of the type NHXH and NHXCH E30/E90 were used in this project for the safety installations (fire alarm systems, emergency lighting and smoke extraction systems).

Some sections of the project were configured using the LEONI BETAfixss® cable support system. Together with the BETAflam® cables they guarantee functional integrity according to DIN 4102-12 in the event of fire.

The cable types NHXH and NHXCH are characterised by:

- Highest safety properties
- Free from halogen and silicon
- RoHS compliance
- Functional integrity according to DIN 4102-12

The BETAfixss® cable support system is characterised by:

- Great laying distances
- Reduced material costs
- Short assembly times
- High quality materials
- Tested and certified according to DIN 4102-12

Thanks to our in-house fire tests, the BETAflam® safety cables and the BETAfixss® cable support system are both optimised in terms of functional integrity, fire propagation and circuit integrity in favour of high cost effectiveness.