


LEONI *projectreport*

Safety technology 10/2007



BETAflam® und BETAfixss®
Safety cables and laying
systems.

For personal safety and
protection of property.

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Paediatric Hospital, Ljubljana

**Safety as top priority –
achieved by BETAflam® / BETAfixss®**

Hospitals are among those areas where the issue of safety has top priority. Not just the equipment and buildings require protection, but above all the immobile patients whose rapid and safe rescue in the event of fire is a big task.

Furthermore, there are special requirements to be observed in the intensive care and operating theatre areas because uninterrupted supply and safe operating conditions must be assured even in cases of emergency.

What would therefore be dearer to the hearts of technical management during planning than to keep a close eye on the requirements covering functioning of power supply and that patient transport systems are safeguarded.



Safety as top priority

With respect to DIN 4102-12-compliant cable system integrity in the event of fire, the planners responsible chose the system consisting of BETAflam® emergency function cables and BETAfixss® fixing components.

Only a fully tested and approved system such as the BETAflam® / BETAfixss® emergency function cable system was able to meet the high requirements in terms of safety levels E30 and E90 as well as combinability and easy installation.

The obvious safety-related and commercial advantages of this approved system, and the thorough on-site support provided by distributor Finea Trade, led to this decision.

In the specific case of the paediatric hospital, the BETAflam® / BETAfixss® system was employed for wiring of the uninterrupted power supply from the diesel generator to the power consuming devices that perform an important function and must absolutely – even in the case of fire – continue to run.

What provides the huge benefit of such thought-out systems is evident especially in the fact that their time-saving installation results in noticeable cost savings on cable systems that maintain total integrity. What paid off here is that Finea Trade was involved both during the consultations and in the training of the installers who were to carry out the work.

Completion and handover to the principal has meanwhile successfully taken place and without any time-consuming rectifications thanks to the DIN certificate of the BETAflam® / BETAfixss® system that is clearly structured and written in a way meaningful to the installer.