



## PROJECT

### **HNIPU-RESISTANT FLOORING**

Polymeric poured floors have got wide popularity owing to the excellent operational characteristics

Increased fire resistance of polymer compositions is currently achieved by two methods by:

- The introduction of inert filler (sand or gravel) directly on spreading of the polymer composition on a concrete substrate.
- The introduction of the special fire-resistant materials (antipyrens), which leads to increased fire resistance polymer composition itself.

These methods have a number of disadvantages and the main of them - reducing the strength and operational characteristics of polymer flooring ..

Polymate Ltd.-INRC develops the special compositions based on epoxy and hybrid nonisocyanate urethanes including a mixture of powdered antipyrenes and the liquid

Such flooring composition can significantly increase its fire resistance and reduce the level of smoke content in case of ignition in full possession of high operational characteristics.