

Project: Protection of magnetic separator from abrasion

Owner: Belgok, Norilsk Nickel Company

System: Mono Ferro Pur, Polyflex 301

Completed: 2006

Location: Belgorod, Russia



Belgok, one of the most important mining companies in Russia, needed to make a decision on the maintenance of their expensive equipment. They used a steel magnetic separator that divided the different metals. Their expensive equipment was getting worn out from the constant abrasion of the metals and, if the steel was not protected, would need to be replaced. Belgok chose to use the Polyflex 301 high performance system to protect the steel rather than replace their costly machinery. The contractors applied one layer

of Mono Ferro Pur, a moisture cure Polyurethane primer, followed by one coat of Polyflex 301. The Polyflex 301 formed a high performance seamless membrane which covered the entire surface of the equipment. This system protected against the constant abrasion of the metals and provided an excellent protection, which reduced both the maintenance and replacement costs.

