



Warsaw water filters

WARSAW

The filtration plant of the Warsaw aqueduct has been in service since 1886 and produces around 530,000 m³ of clean water every day. Recognised in 2012 as a monument to Poland's rich history of art and architecture, the filtration station is open to the public. Between 2010 and 2011, Mapei Technical Services provided solutions for waterproofing the bottom of the concrete tanks used to store drinking water (5.000 m²). After placing a new

layer of concrete on the bottom of the tanks, a layer of IDROSILEX PRONTO (now called PLANISEAL 88) osmotic cementitious mortar was applied, a special type of mortar suitable for contact with drinking water. This particular product is ideal for structures below ground level and for drinking water storage tanks and, in spite of the unfavourable conditions while it was being applied, it was a complete success.

TECHNICAL DATA

Period of construction: 1883 – 1886

Design: William Lindley

Period of the Mapei intervention: 2010-2011

Owner: Warsaw City Council

Contractor:

Energotechnika Sp. z o.o

Mapei coordinators: Krzysztof Pogan and Mikołaj Alexandrowicz, Mapei Polska

MAPEI PRODUCTS

Idrosilex Pronto (now called Planiseal 88)

