



Salgótarján (Hungary) Workers' Village

THERMAL INSULATION AND DECORATIVE COATINGS TO RESTORE THE HOMES OF WORKERS FROM THE LOCAL STEELWORKS



At the end of the 1920's in the city of Salgótarján in north-east Hungary, Rimamurány-Salgótarján LLC, the largest steelworks in the country at the time, commissioned the construction of a residential complex for blue-collar workers employed at the local steelworks. These were the first multi-storey buildings in the city and provided inhabitants with much better living conditions than the average local houses.

Even though they are not listed as buildings of historic interest, the local authorities added these buildings (formerly known as "beggars' houses" because of the low "symbolic" rent the workers who lived there had to pay) to the list of structures with conservation orders. They also launched a restoration programme which, thanks to an investment of almost 300,000 Euros, restored the complex to its former glory after a good 95 years.

LEFT. The façades were protected and decorated with QUARZOLITE BASE COAT and QUARZOLITE TONACHINO after installing the MAPETHERM thermal insulation system.

Thermal insulation and protection for the façades

Mapei Kft., the Hungarian subsidiary of Mapei Group, was also involved in the restoration work on the façades through the supply of a thermal insulation system and finishing products for 4,500 m² of façades. The system included the application of MAPETHERM RAGASZTÓTAPASZ adhesive, distributed on the Hungarian market by Mapei Kft, to bond and skim MAPETHERM EPS expanded polystyrene panels. After applying a second coat of MAPETHERM RAGASZTÓTAPASZ, MAPETHERM NET alkali-resistant glass fibre mesh was embedded in the surface to reinforce the skim-coat.

To complete the insulating system, MAPETHERM FIX metal anchors were also used, along with profiles from the MAPETHERM PROFIL line.

The insulated surfaces were then treated with QUARZOLITE BASE COAT coloured acrylic undercoat and QUARZOLITE TONACHINO acrylic coating, which is used to decorate and provide adequate protection for walls and to cover surface imperfections, including on buildings that have already been painted.

The result of all this work was to have thermally insulated façades with a highly attractive decorative finish, in line with the expectations of the client: to improve the overall appearance of this area of the city and the quality of life of its residents.



Find out more
QUARZOLITE TONACHINO

TECNICAL DATA

Koldus Palota,
Salgótarján (Hungary)
Period of construction: 1920's
Main contractor:
Nógrád Kas LLC
Period of restoration:
2014-2015

MAPEI PRODUCTS

Thermal insulation:
Mapetherm EPS,
Mapetherm Net,
Mapetherm Ragasztótapasz*,
Mapetherm Profil,
Mapetherm Fix
Wall coatings:
Quarzolite Base Coat,

Quarzolite Tonachino

For further info on products: mapei.com, mapei.hu

*This product is manufactured and distributed in Hungary by Mapei Kft.