

Danone Group in Russia

Comment

In July 2012, during construction and installation work on the object of MK SAMARALAKTO branch of UNIMILK Company (object: ammonia compressor, the object address: Samara, 99 Zavodskoye highway), the task to prevent formation of condensation, ice, frost and to reduce heat loss on the surface of the metal structures during cold season has been successfully solved.

Isollat-02 liquid ceramic coating was used for this purpose. Isollat coating has the following advantages:

- protects against corrosion and condensation on the surface of steel profiled structures;
- does not make additional load on the load-bearing structures;
- reduces thermal deformation of metal structures;
- provides easy application to the surface of any geometrical shape and minimum cost of work;
- it is resistant to UV radiation;
- it is non-toxic: Isollat is suitable for application in residential areas;
- it has NG fire safety certificate.

The coating is made according to the general process instructions for applying liquid-ceramic coating to metal structures using Gracoairless spraying unit with intermediate drying of each layer of not less than 12 hours, while the final thickness of coating was 1.5-1.7 mm.

Over a period of more than two years of using Isollat heat-insulating material, the coating surface remains dry, and confirms its heat-shielding properties claimed by the manufacturer. No defects in the coating have been revealed.