

# Thermosteel Group, Perm

## COMMENT

on using Isollat liquid ceramic insulation material for heat insulation of the wall in the apartment in Perm, 42-47 Cherdynskaya St.

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In the apartment located in a 9-storey panel house in Perm, 42-47 Cherdynskaya St., a wall of one of the rooms adjacent to an unheated vestibule was a cold source for the entire apartment every winter. Temperature on the surface of the wall inside the apartment was almost the same as the air temperature in the entrance hall.

In July 2008, the "cold" wall inside the apartment was covered with Isollat-02 liquid ceramic insulation material 1.0 mm thick. Before that, old wallpaper was removed from the wall, the wall surface was cleaned from residues of wallpaper and wallpaper paste and primed with acrylic material of deep penetration. Isollat-02 heat insulation material was applied by layers onto the wall surface (after priming and drying out for 24 hours). Then, after drying out for 24 hours, new wallpaper was glued. Temperature on the surface of the wall inside the apartment became the same as the air temperature inside the apartment.

### Conclusions:

1. Isollat liquid insulation material may be efficiently used to eliminate freezing of interior walls.
2. Isollat application technology is very simple and does not require involvement of specialists.