

The invention relates to the field of foundry production of metals. A method consists in putting of the composition, which includes graphite, kaolin, liquid glass, water, consolidation and thermal stabilization of the coating layer. Casting moulds with base coat first are maintained at room temperature for 24 h, after which they are subjected to thermal stabilization at a temperature of 250-350 °C, then the thermal insulation layer of coating is applied by pulverizer.