

The invention relates to the building materials and may be used for preparation of mortars for finishing in with plaster the inner surfaces of the buildings.

Summary of the invention consists in that the composition includes hemihydrated calcium -sulphate, the polymineral waste obtained as a result of water softening at the thermo-electric power stations, containing chemical components in the following ratio, mass %:

CaCO ₃	77,3...86,6
Mg(OH) ₂	3,6...9,5
Fe(OH) ₃	1,7...6,8
SiO ₂	2,7...7,5,

with a dispersion degree (cm-1) and with granulometric composition, mass %:

fraction 500...1408	5...25
fraction >1585	75...95,

and as plasticizer are used water-soluble cellulose derivatives and, optionally, as binder, cement in the following component ratio, mass %:

hemihydrated calcium -sulphate	30,0...40,0
plasticizer	0,2...0,4
cement	0...10,0
polymineral waste	the rest.

The process for obtaining the composition for plaster consists in the preliminary preparation of the polymineral waste, obtained as a result of water softening by crushing the wet clots and removal of solid inclusions, screening and drying thereof up to the remaining humidity of 0,5%. After preparation the waste is mixed with the components and in the ratio defined in claim 1.

Claims: 4