

Abstract

PAINT MATERIAL FOR CONSTRUCTIONAL FINISHING AND PANEL FOR
CONSTRUCTIONAL FINISHING AND METHOD OF PREPARING THESE

Dried shirasu A is used in its unprocessed original form as a component and 50 to 65% of the dried shirasu A, 30 to 40% of a binding agent B, 3 to 10% of a clay material C, 5 to 10% of shirasu balloons D, 0.08 to 2% of a bond reinforcing agent E, 0.1 to 3% of a color pigment F, and 1 to 5% of fibers for plaster G are incorporated to prepare a paint material for constructional finishing 1. Furthermore, an appropriate amount of water is added to the paint material for constructional finishing 1 and mixed together. The resulting mixture is applied onto a substrate, such as a gypsum board, veneer plywood, concrete board, mortar-applied waterproof plywood, or asbestos board, and the resulting board is subjected to surface-finishing treatment according to an intended design to prepare a panel for constructional finishing 3.

FIG. 1