

ABSTRACT

The invention provides a concrete form plywood reusable many times, a manufacturing process thereof, and a topcoat paint composition favorably applied to a form board. The topcoat paint composition includes a curing hydroxyl-containing acrylic resin, a polysiloxane compound, and an isocyanate curing agent. A concrete form plywood according to one embodiment of the invention includes a substrate having a surface coated with a filler coat paint film (A) from a curing acrylic resin composition, an middle coat paint film (B) from another curing acrylic resin composition, and a topcoat paint film (C) from the above topcoat paint composition. A process for manufacturing is also disclosed.

A concrete form plywood according to another embodiment includes a substrate having a surface coated with a filler coat paint film (A') from a curing acrylic resin composition, an middle coat paint film (B') from a moisture curing urethane resin composition, and a topcoat paint film (C') from a curing acrylic resin topcoat paint composition. A process for manufacturing is also disclosed.