

Report about white marble finish

In this report, materials' characteristics and working process' methods are described.

It differs from finish to finish. About white marble, (also named 'fake travertine'), it appears stronger and more resistant. Since it consists of a proportion between white cement 525R, gravel and sand (extracted from local quarries), with the addition of chemical additives (superfluidifying composed by an aqueous solution of active polymers and by very high dispersant action catalysts, which improves concrete's quality both in fresh and hardened state) and with the addition of glass fibre which increases endurance (a galvanized iron frame is added only to the benches).

Once the mixture has been casted in the moulds, it is vibrated and dried for at least one hour; depending on the temperatures timing may vary.

Subsequently, an aqueous solution mixed to a coloured synthetic iron oxyde solution is sprayed to the raw product and it is dried for 24 hours; then it is fully smoothed and resin-coated (resin is a antidegradation protective paint that protects the whole product and its finish over the years), and as a result it has a polished appearance.

Its completely pure handwork brings the voluntary formation of air bubbles which, once smoothed, gives as result an irregular drilling all over its surface.