

ABSTRACT OF DISCLOSURE

[Problems to be solved] An objective is to provide a highly chemical-resistant concrete structure and manufacturing method thereof, that excels in productivity and is suppressed correspondingly lower in manufacturing cost.

[Means for solving problems] A concrete layer 11 formed by supplying concrete into a formwork of a centrifugal molding machine, and an inner protective layer 12 formed to be laminated on an inner surface of the concrete layer 11 by supplying a mixed material containing at least a binder (B) with a property to be hardened by a sludge component discharged to the inner surface of the concrete layer 11 and a fine aggregate (C), to the inner surface, wherein the concrete layer 11 and the inner protective layer 12 are formed concurrently through centrifugal molding thereby to have integrated structure.