

Rulings

RUL PL.33

Rulings to plumbing and piping systems Standards

Ruling 33: Encasing high-density polyethylene (HDPE) in concrete

(Ruling to AS/NZS 3500.2.2:1996)

Encasing high-density polyethylene (HDPE) in concrete

Enquiry:

Can HDPE be encased in concrete without wrapping?

Ruling:

Yes, providing the following requirements are met:

- (a) Product to be authorized to ISO 8770:1991, *High-density polyethylene (PE-HD) pipes and fittings for soil and waste discharge (low and high temperature) systems inside buildings—Specifications*. For authorization in Australia refer to Clause 2.2 of AS/NZS 3500.2.2 and QAS

NOTE: Approval requirements in New Zealand are the responsibility of the Building Industry Authority (BIA)

- (b) Installed according to the requirements given in AS/NZS 3500.2.2, AS 2033 and manufacturer's instructions, as applicable.
- (c) In conjunction with the manufacturer's installation instructions, decisions relating to the installation of HDPE pipework systems, especially where encasement in concrete is a consideration, shall be the responsibility of an accredited structural engineer.