

MS 20 Access Port

DESCRIPTION

As part of Delta Membrane Systems Limited's extensive range of cavity drainage membranes, drainage channel, sump pumps, high level alarms and battery back-up systems. The key to a successful design and installation of the Delta Cavity Drainage System and a key requirement under the code of practice BS8102:2022 Section 10 Type C (Drained) protection, the waterproofing system needs to be maintainable. Where large floor areas are being covered or where modular sub floor drainage or perimeter channel and sub floor drainage are used then the inclusion of the Delta MS20 Access Port ensures all aspects of the system can be maintained.



Delta MS 20 Access Port

Perimeter drainage channel is generally located within a recess within the structural slab at the base of the earth retaining walls, thus collecting any water seepage from the lowest construction joint at the base of the wall – wall/floor or kicker joint if kicker construction is used. Where structural slabs are poured in sections and on projects where there are areas of concrete infill into the structural slabs, then, this creates "weak" points susceptible to seepage and leakage as with the wall/floor construction joints. In these instances, either modular sub floor drainage could be included as part of the overall drainage design for the Type C, Cavity Drainage System, along with the 20mm floor membrane. The MS20 Access Port enables the 20mm cavity to be inspected and flushed through should the need arise, thus making the whole Cavity Drainage System maintainable and further reducing the risks in the long term.

These access ports can be located within the wall build up areas or near column bases or other conveniently accessible areas within the floor build up. Following inspection of the sumps, modular drainage or perimeter drainage channel and signs of leachates or free lime is evident. The whole system can be flushed through with a lime removing solution.

By enabling access to the floor membrane cavity as well as the perimeter channel or modular drainage this enables cleaning of the complete cavity of the Cavity Drainage System. This is particularly applicable in areas of flooding whereby the water ingress may contain contaminants and the system behind requires sterilising.

The Delta MS 20 Access ports are supplied pre-fixed into a rectangular piece of Delta MS 20 membrane which can be linked and sealed in the standard manner for Delta MS 20 membrane and sealed with Delta Cornerstrip.

The access port can be extended to any height so it is accessible through floor or wall finishes.

