Modular seal links seal pipes through concrete walls - Waterproof sealing

**Wall sleeves and core drilling** through concrete walls allow service pipes to enter a building. The annular space around the pipe is sealed using WA-GKD special design modular seals. EDPM, NBR or Silicone rubber elastomer provide the seal solution for a watertight building entry.

Whether building a new concrete wall or placing pipe or conduit through an existing wall, it's important to choose the leading design seal products.

**Building connections**

Pipe through wall connections can be broken into several categories: flexible mechanical, compression seals, cast-in connections and grout-in puddle flange seals.

A compression seals use pressure plates to expand the seal against the pipe and the opening.

*The opening may be a cast-in wall sleeve* embedded into the wall during forming or a core drill through the wall.

A grout-in connection in a block wall is achieved by filling the annulus space between the wall sleeve and opening with cementitious grout and the pipe is passed through the wall sleeve and sealed.

**Cored drill openings**

A cored hole is created by cutting a precision opening in hardened concrete using diamond-tipped core bits. The diameter of cored openings - depends on the pipe outside diameter. It's always best to consult with Westatlantic Tech Corp., to determine the best solution.

For mechanical or compression seals to work properly, tight cored hole tolerances are critical.

For a pipe seal that insures watertight solutions contact Westatlantic Tech Corp.

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