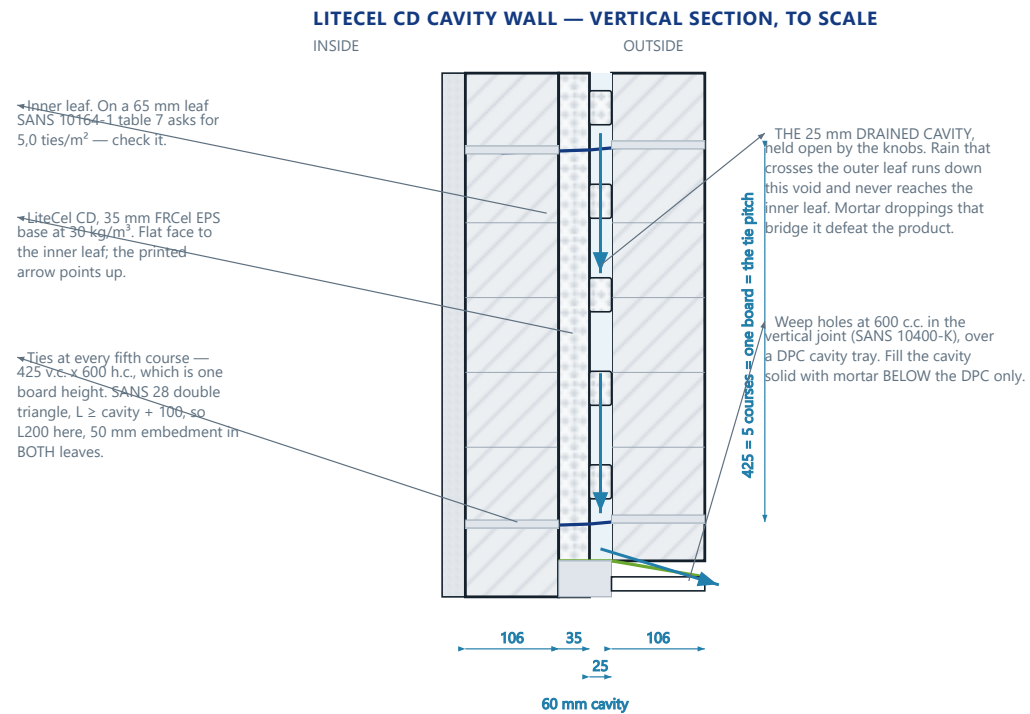
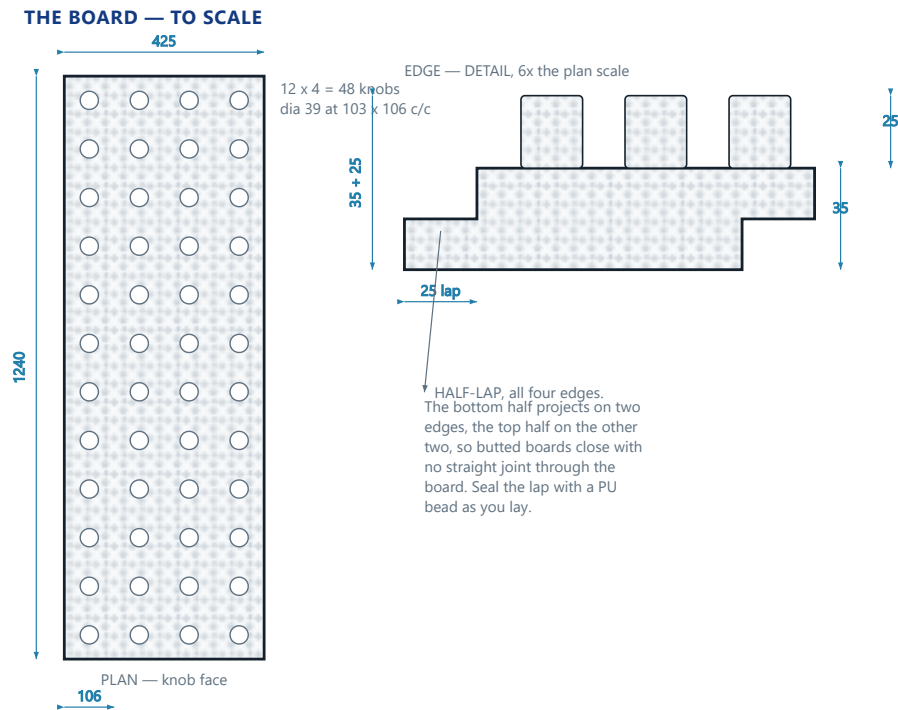


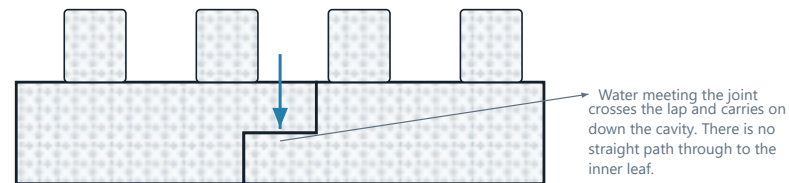


Drawn to scale — every dimension is the real one. Do not scale off the print; figured dimensions govern.

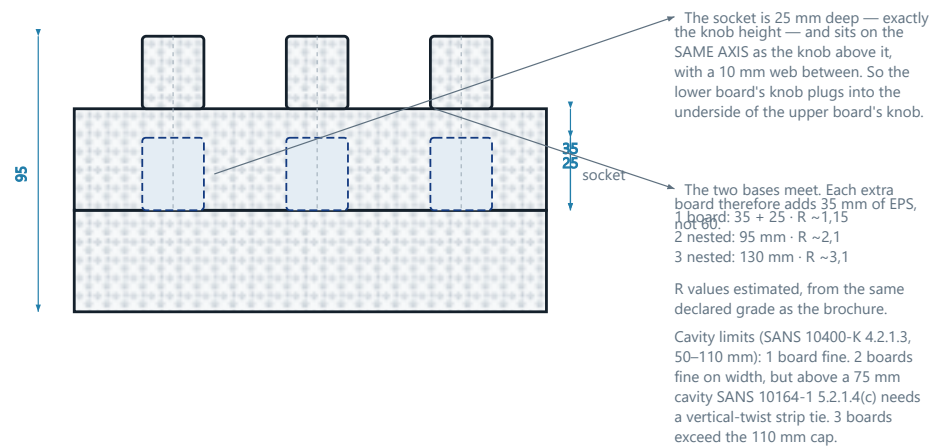


THE JOINT, AND THE STACK

TWO BOARDS BUTTED — the lap closes the joint



TWO BOARDS NESTED — the knobs fit into each other



THE TIE — SANS 28 TABLE 4 DOUBLE TRIANGLE

→ TWO CLOSED TRIANGLES, formed from ONE wire doubled back on itself. The base of each triangle is what sits in the mortar, and mortar fills it — so the anchorage is a mechanical key that cannot be pulled straight.

That is the whole difference from a single-wire tie, which SANS 10164-1 5.2.1.4(b) does not permit in a cavity wall.

→ 4,3 mm galvanised mild steel, or 4,0 mm stainless 304 — min 18% Cr, min 8% Ni (SANS 28 2.3.5).

→ The drip: water running along the tie falls into the cavity here instead of crossing to the inner leaf.

