



**SAMPLE DETAIL ONLY  
(FOR PORCELAIN TILE)**

| COMPRESSIVE LOAD (kN) | CROSSBEAD DISPLACEMENT (mm) | SPECIMEN DISPLACEMENT (mm) |
|-----------------------|-----------------------------|----------------------------|
| 15.7                  | 3.2                         | 2.7                        |

**NOTES TO PROJECT DESIGNERS:**

- ABOVE GRADE OR ELEVATED PERIMETER OVERFLOW SWIMMING POOLS REQUIRE THE STRUCTURAL ENGINEER TO DESIGN THE SWIMMING POOL SUPPORT STRUCTURE (PLATFORM OR VAULT) SO THAT THE MAXIMUM LONG-TERM DEFLECTION SHALL NOT EXCEED 1/4-IN IN THE VAULT AND/OR SUPPORTING PLATFORM FLOOR.
- TILE OR STONE PAVERS - AS SPECIFIED BY THE PROJECT DESIGNER, SHALL BE DESIGNED AND SPECIFIED FOR APPROVAL IN WET, BAREFOOT AREAS IN ACCORDANCE WITH LOCAL CODES.
- THE CONTRACTOR CUTTING AND LAYING THE TILE OR STONE PAVERS SHALL BE PRE-QUALIFIED BY THE GENERAL CONTRACTOR AND BE PROFICIENT IN COMPLETING SIMILAR WORK ON AND AROUND POOL DECK AREAS. FOLLOWING THE CUTTING OF TILE AND STONE PAVERS, ALL EDGES SHALL BE BEVELLED ON ALL SIDES, INCLUDING ENDS, AFTER CUTTING, SO THAT THEY WILL NOT CAUSE WET BARE FOOT INJURY.
- GRATE SUPPORT LOAD/DEFLECTION TESTING CHART - AT THE ONSET OF LOAD/DEFLECTION DETAILS AT THE ONSET OF CRACKING IN CERAMIC TILE. (15.7 KN EQUALS 3,529 POUNDS FORCE).

REFER TO DALDORADO SUBMITTALS FOR DETAILED INFORMATION.

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| Product: DalLUX Tile & Support Tech Detail |                      |
| Product #: DalLUX-STS-04 & Tile            |                      |
| Material: PVC/PRCLN                        | Rev Date: 12/22/2021 |
| Color: VARIES                              | Rev By: JW BERGER    |

**DALDORADO**

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