



**SPECIFICATION PLATE DETAIL
FOR SUCTION GRATES ONLY**

FRAME: CONSTRUCTED OF UV STABILIZED PVC NOTCHED AND HEAT BENT TO SIZE. THE FRAME MUST BE SUPPORTED AROUND THE PERIMETER BY CONCRETE LEDGE, OR EQUAL, AND INSTALLED USING FASTNERS SUPPLIED BY DALDORADO.

GRATE: FORMED OF MOLDED PVC SECTIONS (GEORGIA GULF 7140 BY WESTLAKE CORP) CERTIFIED WITH NSF/ANSI 50, UV STABILIZED. THE TOP SURFACE OF THE GRATE HAS A RAISED DESIGN THAT MEETS IBC FOR SLIP RESISTANCE. GRATE SECTIONS ARE 0.625-IN WIDE WITH FIVE (5) INTERLOCKING CONNECTORS AND 415-MM FRP RODS INSERTED AND HELD IN PLACE WITH PVC CAPS FOR LOAD STRENGTH REQUIREMENTS. GRATE IS TESTED UNDER APSP-16 2017 AND COMPLIES WITH ALL APPLICABLE TESTS WITH THE EXCEPTION OF VACUUM TEST WHICH IS NOT APPLICABLE TO UN-BLOCKABLE GRATES. SPACE BETWEEN BARS DOES NOT EXCEED 0.375-IN AND PROVIDES 37.5% OPEN AREA FOR UNRESTRICTED WATER FLOW. GRATE WIDER THAN 24-IN REQUIRES ADDITIONAL SUPPORT TO BE INSTALLED BY OWNER/CONTRACTOR. GRATE COMES WITH A 10-YEAR MANUFACTURERS WARRANTY.

INSTALLATION: FOLLOW DALDORADO INSTALLATION INSTRUCTIONS AND WARNINGS SUPPLIED WITH GRATE. GRATE MUST BE INSTALLED USING ONLY THE DFS-FASTSET-MD-CU FASTENERS (316 SS DMD-CLIP, BRASS 1/4"-20x3/8" SQUARE DRIVE PAN HEAD SCREW, AND 316 SS DROP IN ANCHOR), TESTED TO APSP-16 2017 AS SUPPLIED BY DALDORADO. NO OTHERS ARE PERMITTED.

| DMD-FG-CUSTOM SUBMERGED FRAME & GRATE | | |
|--|-------|-----------|
| TOTAL GPM | | |
| LENGTH | | INCHES |
| WIDTH | | INCHES |
| QUANTITY | | |
| COLOR | WHITE | BONE GRAY |
| *WRITE IN OR CIRCLE APPLICABLE INFORMATION | | |

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| Product: Custom Submerged Frame and Grate | |
| Product #: DMD-FG-CU | |
| Material: PVC | Rev Date: 02/01/2021 |
| Color: PER TABLE | Rev By: JW BERGER |

DALDORADO

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