



**SPECIFICATION PLATE DETAIL**

**GRATING: 25 YEAR SERVICE LIFE/10 YEAR WARRANTY**

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**FRAME:** CONSTRUCTED OF UV STABILIZED PVC NOTCHED AND HEAT BENT TO SIZE. THE FRAME MUST BE FULLY SUPPORTED AROUND PERIMETER BY CONCRETE LEDGE, OR EQUAL, AND INSTALLED USING 316-SS FASTENERS SUPPLIED BY DALDORADO.

**GRATE:** FORMED OF MOLDED PVC (GEORGIA GULF 7140 WHITE, BY WESTLAKE CORP.) CERTIFIED WITH NSF/ANSI 50 AND UV STABILIZED. THE TOP SURFACE OF THE GRATE HAS A RAISED DESIGN THAT MEETS IBC FOR SLIP RESISTANCE. GRATE SECTIONS ARE 0.20-INCHES (5mm) WIDE AND 1-INCH (25.44mm) AVG. DEPTH FOR LOAD STRENGTH REQUIREMENTS. GRATE IS CERTIFIED UNDER APSP-16 2017. SPACE BETWEEN GRATE BARS DO NOT EXCEED 0.39-INCHES (10mm). GRATE PROVIDES A MINIMUM 62% OPEN AREA FOR UNRESTRICTED WATER FLOW.

**FRAME AND GRATE:** CORROSION RESISTANT, NON-CONDUCTIVE, NON-MAGNETIC, DOES NOT REQUIRE BONDING.

**INSTALLATION:** FOLLOW DALDORADO INSTALLATION INSTRUCTIONS AND WARNINGS SUPPLIED WITH FRAME AND GRATE UNIT. GRATE MUST BE INSTALLED WITHIN FRAME USING ONLY THE BRASS MACHINE SCREWS, TESTED TO APSP-16 2017, INTO 316-SS DROP IN ANCHORS, AS SUPPLIED BY DALDORADO WITH THE FRAME AND GRATE UNIT, NO OTHERS ARE PERMITTED.

<b>CERTIFIED MAXIMUM FLOW RATES FOR FIELD FABRICATED SUMPS:</b>	
18x54x24 FIELD FABRICATED SUMP WITH MAX 10" OUTLET COMPLIANT TO REQUIREMENTS SET FORTH BY APSP-16 2017 (VGB) STANDARD.	FLOOR-2872 GPM      WALL-2872 GPM
18x54x27 FIELD FABRICATED SUMP WITH MAX 10" OUTLET COMPLIANT TO REQUIREMENTS SET FORTH BY APSP-16 2017 (VGB) STANDARD.	FLOOR-2872 GPM      WALL-2872 GPM
18x54x28 FIELD FABRICATED SUMP WITH MAX 12" OUTLET COMPLIANT TO REQUIREMENTS SET FORTH BY APSP-16 2017 (VGB) STANDARD.	FLOOR-2944 GPM      WALL-2872 GPM
18x54 FIELD FABRICATED SUMP WITH 14" OUTLET COMPLIANT TO REQUIREMENTS SET FORTH BY APSP-16 2017 (VGB) STANDARD.	FLOOR-2944 GPM      WALL-2872 GPM
18x54 FIELD FABRICATED SUMP WITH 14" OUTLET COMPLIANT TO REQUIREMENTS SET FORTH BY APSP-16 2017 (VGB) STANDARD.	FLOOR-4412 GPM      WALL-N/A

Product: 18x54 Frame & Grate	
Product #: DalMAX-FG-1854	
Material: PVC	Rev Date: 09/11/2020
Color: WHITE	Rev By: JW BERGER

**DALDORADO**

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