

WW-P-541/5B  
 August 1, 1980

SUPERSEDING

Fed. Spec. WW-P-541/5A  
 October 12, 1971

**FEDERAL SPECIFICATION SHEET**

**PLUMBING FIXTURES (SINKS, KITCHEN, SERVICE, AND LAUNDRY TRAYS)  
 (DETAIL SPECIFICATION)**

This specification forms a part of the latest issue of  
 Federal Specification WW-P-541/GEN).

**1. SCOPE AND CLASSIFICATION**

1.1 Scope. This specification covers specific requirements for sinks and trays.

1.2 Classification.

1.2.1 Types. Sinks furnished under this specification sheet shall be of the types indicated in tables I, II, III, and IV.

1.2.2 Definitive part number (DPN). Sinks covered by this specification shall be identified by a DPN. This part number is intended for cataloging and ordering purposes, it is not intended for surface printing on the sinks. The DPN shall consist of the Federal specification symbol plus the specification part number (SPN) (see tables I, II, III, and IV). The DPN shall be written as indicated below (see 6.1 and 6.4).

DPN	WWP541/5	XXX
Specification sheet identification for fixture required		
SPN		

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TABLE I. Enameled cast iron sink identification (100 series SPN).

Sink type	Nominal size (inches)	SPN
Rolled rim service sink on trap standard.	22 X 18	100
See figure 1	24 X 20	101
Left hand ledge sink and laundry tray combination with back.	42 X 24 to 25	102
See figure 2		
Right hand ledge sink and laundry tray combination with back.	42 X 24 to 25	103
See figure 2		
Flat rim sink and laundry tray combination, reversible.	42 X 20	104
See figure 3		
Flat rim right hand sink and laundry tray combination with ledge.	42 X 21	105
See figure 4		
Flat rim left hand sink and laundry tray combination with ledge.	42 X 21	106
See figure 4		
Flat rim laundry tray single compartment	24 X 20	107
See figure 5		
Flat rim laundry tray with ledge, single compartment.	24 X 21	108
See figure 5	24 X 23	109
Flat rim kitchen sink with ledge, single compartment.	24 X 21	110
See figure 6	30 X 21	111
Flat rim kitchen sink with ledge, double compartment.	32 X 20 to 21	112
See figure 7	42 X 21	113
Flat rim kitchen sink, single compartment.	24 X 16	114
See figure 8	24 X 18	115
	30 X 18	116
	24 X 20	117
	30 X 20	118
Flat rim kitchen sink, double compartment.	32 X 20	119
See figure 9		
Self-rimming kitchen sink, with ledge, single compartment.	24 X 21	120
See figure 6	25 X 22	121
Self-rimming kitchen sink, with ledge, double compartment.	33 X 22	122
See figure 7		

TABLE II. Vitreous china sink identification (200 series SPN).

Sink type	Nominal size (inches)	SPN
Service sink with back. See figure 1	18/20 X 16/18	201
Service sink without back. See figure 1	18/20 X 16/18	202

TABLE III. Enameled steel sink identification (300 series SPN).

Sink type	Nominal size (inches)	SPN
Flat rim kitchen sink, single compartment. See figure 8	20 X 16	301
	24 X 18	302
Flat rim, kitchen sink, double compartment. See figure 9	32 X 16	303
Flat rim, kitchen sink, with ledge, single compartment. See figure 6	24 X 20 to 21	304
	30 X 20 to 21	305
	21 X 16	306
	23 X 15	307
	20 X 18	308
Flat rim kitchen sink, with ledge double compartment. See figure 7	32 X 20 to 21	309

TABLE IV. Stainless steel sink identification (400 series SPN).

Sink type	Nominal size (inches)	SPN
Flat rim kitchen sink without integral rim single compartment. See figure 8	16 X 28	401
	20 X 18	402
	24 X 18	403
	24 X 20	404
	30 X 20	405
	32 X 20	406
Flat rim kitchen sink with integral rim single compartment. See figure 8	17 X 19	407
	21 X 19	408
	25 X 19	409
	25 X 21	410
	31 X 21	411
	33 X 21	412
Flat rim kitchen sink without integral rim double compartment. See figure 9	32 X 20	413
	36 X 20	414
	42 X 20	415
Flat rim kitchen sink with integral rim double compartment. See figure 9	33 X 21	416
	37 X 21	417
	43 X 21	418

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TABLE IV. Stainless steel sink identification (400 series SPN) - cont'd.

Sink type	Nominal size (inches)	SPN
Ledge back sink, single	16 X 21	419
compartment without integral	21 X 21	420
rim. See figure 6	24 X 21	421
	30 X 21	422
Ledge back sink, single	17 X 22	423
compartment with integral	22 X 22	424
rim. See figure 6	25 X 22	425
	31 X 22	426
Ledge back sink, double	32 X 21	427
compartment without integral	36 X 21	428
rim. See figure 7	42 X 21	429
Ledge back sink, double	33 X 22	430
compartment with integral	37 X 22	431
rim. See figure 7	43 X 22	432

**2. APPLICABLE DOCUMENTS**

2.1 Latest issue of WW-P-541/GEN and documents referenced therein.

**3. REQUIREMENTS**

3.1 Materials and components. Materials and components shall conform, as applicable, to ANSI A112.19.1 through A112.19.4 and the basic specification WW-P-541/GEN.

3.2 Color. Sinks, except stainless steel, shall be white in color (see 6.3).

**4. QUALITY ASSURANCE PROVISIONS**

4.1 Responsibility for inspection (see WW-P-541/GEN).

4.2 Quality conformance inspection (see WW-P-541/GEN).

5. PREPARATION FOR DELIVERY (see WW-P-541/GEN).

**6. NOTES**

6.1 Ordering data. Purchasers should select the preferred options permitted herein, and include the following information in procurement documents:

- (a) Title, number, and date of this specification.
- (b) Definitive part number (see 1.2.2).

6.2 Figures. Figures contained herein are for the convenience of identification of sinks. They are not intended to preclude the purchase of sinks of similar design which are in accordance with the requirements of this specification. Purchasers requiring more detailed figures should consult the applicable ANSI standards.

6.3 Colors. Hue and color of sinks may vary from one manufacturer to another, purchasers should consult manufacturer's literature prior to placing orders for colored fixtures.

6.4 Example of DPN:

DPN characteristics \_\_\_\_\_ WWP541/5 \_\_\_\_\_ 101  
 Plumbing fixture/sinks \_\_\_\_\_  
 SPN - type, style, and class of sink (see table 1) \_\_\_\_\_

MILITARY CUSTODIANS:

Army - ME  
 Navy - YD  
 Air Force - 99

CIVIL AGENCY COORDINATING ACTIVITIES:

DOE - AEC  
 GSA - FSS  
 HUD - TCS

Review activity:

DLA - CS

Preparing activity:

Navy - YD

User activities:

Army - CE  
 Navy - MC, MS

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Orders for this publication are to be placed with General Services Administration, acting as an agent for the Superintendent of Documents. See section 2 of this specification to obtain extra copies and other documents referenced herein.

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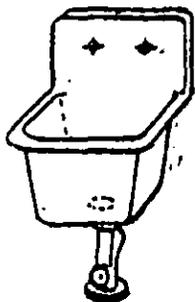


FIG. 1. SERVICE SINKS ON TRAP STANDARD.

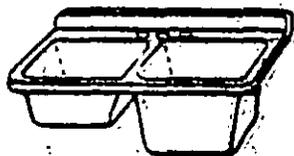


FIG. 2. LEDGE SINK AND LAUNDRY TRAY COMBINATIONS WITH BACK, SINK AT RIGHT OR LEFT.

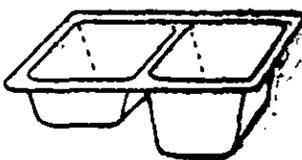


FIG. 3. FLAT-RIM SINK AND LAUNDRY TRAY COMBINATIONS, REVERSIBLE.

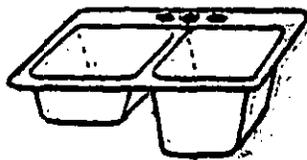


FIG. 4. FLAT-RIM SINK AND LAUNDRY TRAY COMBINATIONS, WITH LEDGE, SINK AT RIGHT OR LEFT.

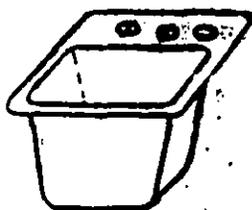


FIG. 5. FLAT-RIM LAUNDRY, TRAY SINGLE COMPARTMENT.

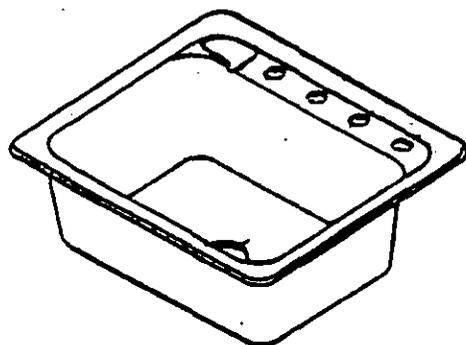


FIG. 6. FLAT-RIM LEDGE KITCHEN SINKS.

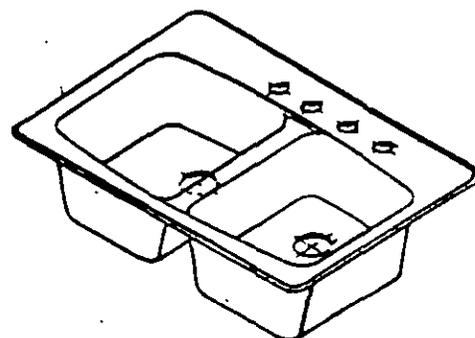


FIG. 7. FLAT-RIM LEDGE KITCHEN SINKS DOUBLE COMPARTMENT.

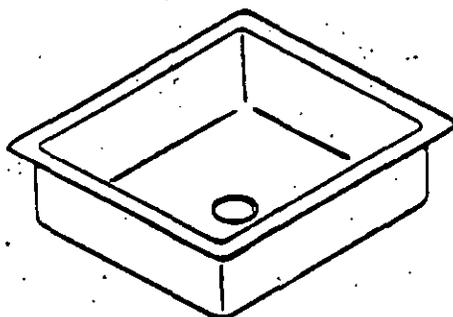


FIG. 8. FLAT-RIM SINKS, SINGLE COMPARTMENT.

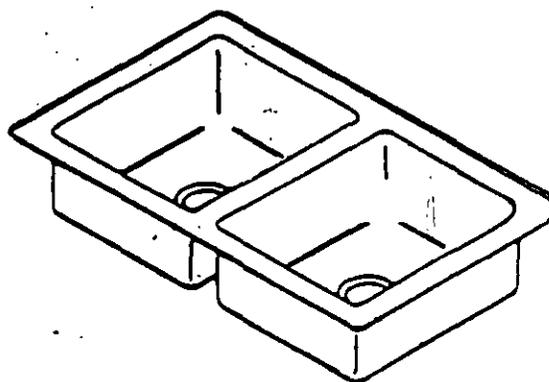


FIG. 9. FLAT-RIM SINKS, DOUBLE COMPARTMENT.