

MATERIAL STANDARD

**HATCH ASSEMBLY, SIDEWALK TYPE
4' 6" x 8' 0" OPENING
FRAME - GRATING - PRECAST SLAB**

1. Scope

This specification covers a hatch assembly consisting of Frame, Grating and Precast Slab.

2. General

Frames, Gratings and Slabs shall be fabricated true to form and in a plane to prevent rocking of the integral assembly. Top surfaces of all units shall be flush when assembled.

3. Fabrication

Fabrication shall be done in a neat and workmanlike manner. All welding shall be performed in accordance with AWS "Standard Code for Arc and Gas Welding in Building Construction." Welds on mating surfaces between frames, gratings and slabs shall be flush.

4. Finish

After fabrication and welding, all slag and rough or sharp edges shall be removed. Except for the reinforcing bar, the whole assembly shall be sand-blasted in accordance with SSPC SP7 and painted with two coats of black gilsonite base paint, meeting the requirements of Federal Specification TTV-51.

5. Inspection and Rejection

Inspection may be made either at the manufacturer's plant or upon receipt, at the option of the purchaser. Failure to meet any of the requirements of this specification will be cause for rejection.

Reference Specifications: AWS Code for Arc and Gas Welding in Building Construction; SSPC SP7; Fed. Spec. TTV-51; ASTM A 36, latest revisions.

Stock No. 720550 Hatch Grating, Sidewalk Type

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MATERIAL STANDARD

GRATING, HATCH SIDEWALK TYPE 4' 10-5/8" x 4' 10-5/8"

1. Grating shall be Gary Type SSGW-125, or equal.
2. Steel shapes shall be in accordance with ASTM A 36.
3. Safe concentrated load: 850 lbs.
Safe uniform load: 375 lbs. per square foot.

Stock No. 720550

