

VinylWood®

3 1/2 x 5 in. Mesh with Privacy Slats

Architectural Reference Specifications

Chain Link Fence with Pre-Woven Slats

Section 32 31 13 – Chain Link Fences and Gates

While it is the intent of this specification to assist the professional specifier in making an informed choice of components and installation techniques, this is still a general specification. Certain details such as framework sizes, post spacing and concrete footer sizes must be tailored to the specifics of the job site. Wind loading data, freeze-thaw rates and other site conditions must be considered.

PART 1 GENERAL

1.1 Summary

This specification details the components and requirements for complete fence systems incorporating: **VinylWood®**.

1.2 Work Included

The contractor shall provide labor, materials and all necessary accessory items for the installation of the privacy fencing system specified herein.

1.3 Related Work

General Conditions - Earthwork - Concrete

1.4 System Description

The privacy fencing system shall be a complete system made up of chain link fence fabric with pre-inserted high-density polyethylene (HDPE) slats, framework, fittings, gates and incidental accessory items.

1.5 Quality Assurance

Installer Qualifications: Company specializing in performing the work of this section with minimum five (5) years documented experience.

1.6 References

ASTM D638	Standard Test Method for Tensile Properties of Plastics
ASTM D746	Standard Test Method for Brittleness
ASTM D747	Standard Test Method for Apparent Bending Modulus of Plastics by Means of a Cantilever Beam
ASTM D1238	Standard Test Method for Flow Rates of Thermoplastics by Extrusion Plastometer
ASTM D1505	Standard Test Method for Density of Plastics by the Density Gradient Technique

(All ASTM Standards referenced in this specification)

1.7 Mandatory Product Characteristics

Fabric provides 98% (approx.) privacy when installed correctly that results in not being able to see through the fence when you look straight on.

- Slats should not slip or go behind the knuckle thus causing less privacy and very sloppy looking, non-uniform slats.
- Slats should be free from an excess of smudge, grease or insertion marks.
- Slats should fit tight and securely in the mesh without use of staple or stitch.
- Hand inserted slats are not an “equal to!”

1.8 Submittals

Shop drawings, manufacturer's product data and samples, plan layout including spacing of components, accessories and post details shall be submitted for approval.

PART 2: PRODUCTS

2.1: Manufacturer

The fence fabric with pre-inserted slats shall be manufactured by **PrivacyLink®**, LLC, P.O. Box 295, Hyde Park, Utah 84318. The manufacturer may be contacted at 800-574-1076, 435-563-1058 or via fax at 435-563-1062. The manufacturer's web site is located at www.eprivacylink.com and E-Mail may be sent to info@eprivacylink.com. All other components of the system such as framework, fittings and gates shall be manufactured by various standard fence industry manufacturers.

2.2: 3 1/2" x 5" Mesh Products

The fence fabric shall be:

Height {choose one}
3', 42", 4', 5', 6', 7', 8', 10', 12' high.

Fabric Diameter & Finish {choose one}

1. 3 1/2" x 5" mesh by 9 ga. (0.148") galvanized before weaving per ASTM A392 & A817, 1.2 oz. Type II Class 4 OR

2. 3 1/2" x 5" mesh by 10 ga. (0.135") galvanized before weaving per ASTM A392 & A817, 1.2 oz. Type II class 4 OR

3. 3 1/2" x 5" mesh by 9 ga. finish (10 ga. Core) vinyl coated by the thermally fused and bonded method per ASTM F668, Class 2b OR

4. 3 1/2" x 5" mesh by 8 ga. finish (9 ga. Core) vinyl coated by the thermally fused and bonded method per ASTM F668, Class 2B

Fabric Color: The vinyl coated chain link fabric shall be "Cedar Tone."

The privacy slats for **VinylWood®**, which are pre-inserted at the time of manufacturing, shall be double wall, fluted to give a wood-like appearance, self-locking and 2.85" (approx.) wide to provide a tight fit in the fence fabric and provide 98% (approx.) privacy. The slats shall be manufactured from virgin, high-density polyethylene (HDPE) and the color shall be "Cedar Tone".

Before Weaving	After Weaving
1.2 oz. is class 1	1.2 oz. is type II class 4
2.0 oz. is class 2	2.0 oz. is type II class 5

2.4 Framework, Fittings & Gates

Framework - per ASTM F1043 - Standard Specification for Strength and Protective Coatings on Metal Industrial Chain Link Fence Framework {special consideration to wind loading should be considered}.

Fence Fittings - per ASTM F626 - Standard Specification for Fence Fittings.

Swing & Slide Gates - per ASTM F900 - Standard Specification for Industrial and Commercial Swing Gates & Slide Gates.

PART 3 EXECUTION

3.1 Preparation

Prepare the grade and remove surface irregularities, if any, which may interfere with the installation of the fence.

3.2 Installation

Per ASTM F-567 – Standard Practice for Installation of Chain Link Fence

3.3 Clean Up

Contractor shall clean the job site of excess materials and debris. Material from posthole excavations shall be scattered uniformly away from the posts.



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