



Splined Doors Product Update

SEPT 18, 2023

#P393F

Revision 02

SPLINED DOORS

Splined doors are available from VT as detailed below. Field assembly is required. Splined doors will be constructed as individual leaves and machined at the edges to be joined with a full-height or full-width groove to receive a spline.

Details:

- Single doors only
- Maximum Sizes:
 - 48" W X 120" H – Neenah Facility
 - 75" W X 144" H – Two Rivers Facility
- 1-3/4" or 2-1/4" door thickness available; 1-3/8" not offered
- Spline consists of a 1/2" thick X 1-1/2" wide strip (Figure 1).
- Maximum of one spline joint
 - Two individual leaves allowed to be splined for height or width due to weight, structure, and life safety concerns (Figure 2) (Figure 3)
- Individual doors to be joined to be constructed as equal leaves
 - Example - 6' wide door constructed as two 3' doors; 14' tall doors will be constructed as two 7' doors
- Maximum sliding door width for Two Rivers facility is 12' (two 6' wide leaves not exceeding 350 lbs. per leaf)
- Maximum sliding door width for Neenah facility is 8' (two 4' wide leaves not exceeding 350 lbs. per leaf)
- Maximum swinging door width allowed is 5'
- Maximum swinging door height is 16' (two 8' tall leaves not exceeding weight of 350 lbs. per leaf)

Additional notes:

- Doors splined for length are not recommended for sliding doors.
- Doors splined for width are not recommended for swinging doors.
- Spline will be shipped loose with the doors.
- Adjacent edges of doors to be splined are cut square and are not eased or finished.
- Doors splined for width must have an adequate number of top hangers at each leaf to handle the individual leaf weight.
- For stile and rail doors, hangers must be located at the stiles only, not at the top rail.
- Doors splined for height must have an adequate number of hinges/pivots for height and weight of each leaf.
- Splined edges must be full lumber stiles (default species is maple).
- Doors exceeding these dimensions may be available from either location only as individual leaves to be machined and splined by others.
- Doors to be splined are available with pair matched veneer.
- Mill option core construction: certain combinations of widths (under 75") and lengths (under 144") may require a spline due to core availability and/or door weight.
- Door warranty does not cover the field assembly.
- Non-rated doors only. STC, lead lined, bullet resistant, and fire rated doors are not available.

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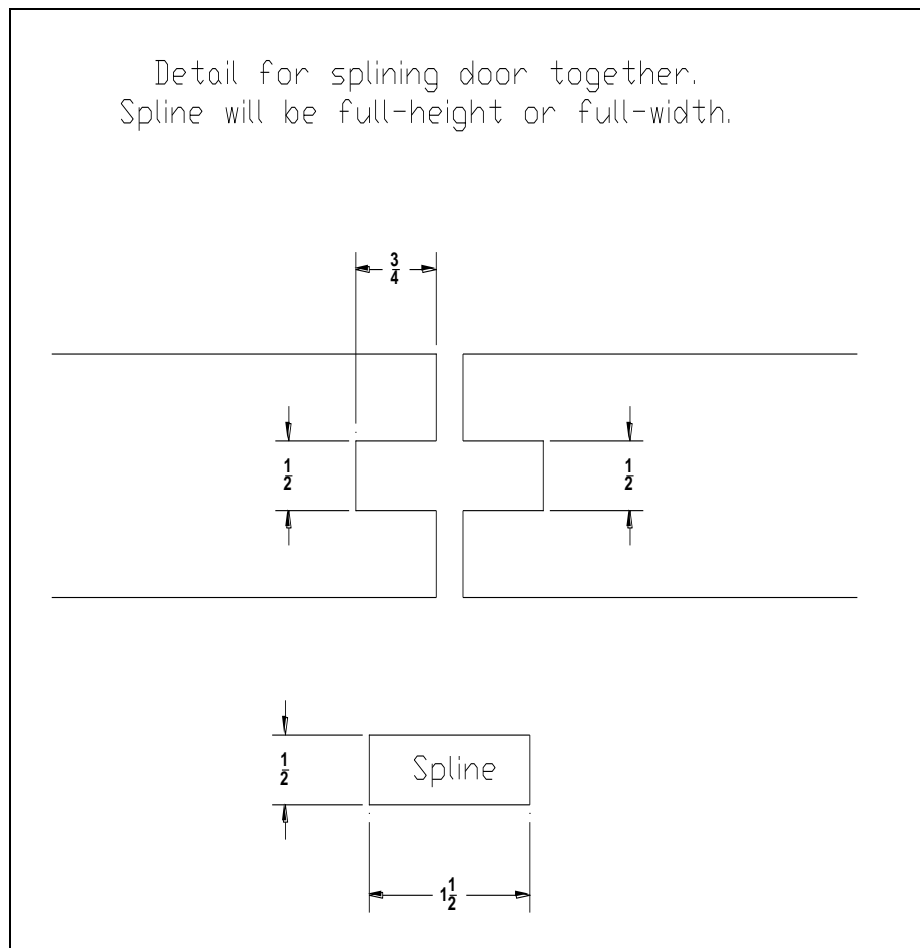
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- Subject to availability of materials.
- Engineering evaluation required for doors with lites over 48" wide, accessories, sketch face, and reveals.

Field Assembly:

The assembly is completed in the field by gluing the spline into the grooved edges. It is the responsibility of the field assembler to use a high-quality adhesive and sufficient clamping force to ensure a strong joint. VT is not responsible for field assembly.

Figure 1





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Figure 2

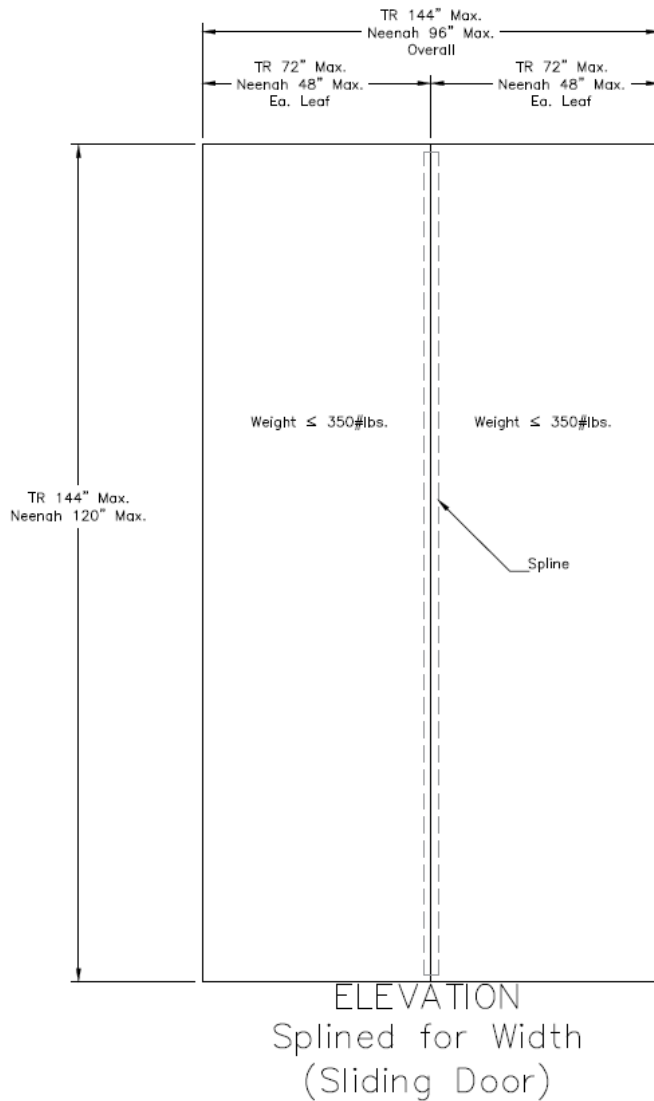


Figure 3

