

# GUIDE SPECIFICATION

## MANUFACTURER:

4Front Engineered Solutions - Kelley  
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## SECTION 11 13 16 VSH SERIES DOCK SEAL

This guide specification section has been prepared by 4Front Engineered Solutions - Kelley and is intended to assist the specifier in preparing a specification for a dock shelters.

Edit entire section to suit project requirements. Modify or add items as necessary. Delete items which are not applicable. Words and sentences within brackets [ ] reflect a choice to be made regarding inclusion or exclusion of a particular item or statement. This section may include performance, proprietary and descriptive type specifications. Edit to avoid conflicting requirements.

This guide specification is written around the Construction Specifications Institute (CSI), Section Format, and standard references to section names and numbers are based on the CSI MasterFormat 2004.

For specification assistance on specific product applications or information about other 4Front Engineered Solutions - Kelley products, please contact our offices above or any of our local product representatives throughout the country.

4Front Engineered Solutions - Kelley reserves the right to modify these guide specifications at any time. Updates to this guide specification will be posted to the manufacturer's web site and/or in printed matter as they occur. 4Front Engineered Solutions - Kelley makes no expressed or implied warranties regarding content, errors, or omissions in the information presented.

## PART I GENERAL

### I.1 SUMMARY

- A. WORK INCLUDED
  - 1. Factory assembled unit with necessary mounting hardware.
  - 2. Installation and Owner's Manual
- B. RELATED WORK
  - 1. Section 11 13 19.13 – Dock levelers.
  - 2. Section 11 13 19.33 - Trailer Restraints.
  - 3. Section 11 13 13 - Dock Bumpers.

C. REFERENCES

1. Government Test Method Standard No.191A for fabric.

D. DESCRIPTION (APPLICATION)

1. Door Size - Unit shall accommodate an opening size of \_\_\_\_" wide x \_\_\_\_" high.
2. Dock Height - Loading dock height shall be \_\_\_\_".
3. Bumper - Total dock bumper protection including any building wall offset or building wall overhang shall be \_\_\_\_".
4. Drive Approach - Driveway shall have a \_\_\_\_\_ approach.
5. Service Range - Unit shall be designed to service vehicles ranging in height from \_\_\_\_'- \_\_\_\_" to \_\_\_\_'- \_\_\_\_".

I.2 SUBMITTALS

- A. General: Submit in accordance with Section 01 33 00.
- B. Product Data: Submit for dock seals.
- C. Manufacturers Installation Instructions.
- D. Submit dimensional drawing.
- E. Submit specification sheet.

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Include quality assurance requirements below which are consistent with the size and scope of the project and extent of work of this section. Only request qualification statements you intend to review, and which are necessary to establish qualifications of the product, manufacturer, or installer.  
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I.3 QUALITY ASSURANCE

- A. Single Source Responsibility: Provide each component of individual dock shelters of particular type by same manufacturer.
- B. Manufacturer Qualifications: Company specializing in manufacturing Products specified in this Section with minimum five years experience.
- C. Installer Qualifications: Approved in writing by manufacturer with experience on at least five projects of similar nature in past five years.
- D. Manufacturer to hold current ISO 9002 certification

PART 2 PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS AND MODEL

- A. Model VSH as manufactured by 4Front Engineered Solutions - Kelley, Muskego, WI.

Deleted: ES

2.2 EQUIPMENT

- A. COMPONENTS: Each unit shall consist of (2) two "V" shaped side pads , (1) one head curtain and (2) two support pads for the head curtain.
- B. HEAD CURTAIN: Curtain drop shall be 6" lower than the lowest trailer/ truck to be serviced and will include splits with velcro. The curtain length shall be equal to the overall unit width.
- C. SIDE PADS: 8" back with a "V" shaped face that will provide a  
(2) two sided seal; having a length not less than the door height minus the curtain drop dimension.
- D. PROJECTION: Standard "V" shape is designed to function with a 4" to 6" bumper projection.
- E. FABRIC: The unit base fabric shall be TS-55 super fabric. The second layer of fabric for wear pleats WP3 (3" exposure) and the full height

wear face on the side pads shall also be TS-55 super fabric.

- F. UNIT CONSTRUCTION: The base fabric shall enclose a polyurethane foam core, which is to be chemically bonded to a roll-formed galvanized steel frame. The cover shall be double hemmed on all edges and fastened to the side leg of the steel framing with Tek screws inserted through load spreading washers. The cover will also include an internal strapping system to keep the cover tightly secured to the core. The unit shall also include full length yellow guide stripes.
- G. WARRANTY: Unit shall include the manufacturers standard (5) year frame warranty and a (1) one year warranty against defects in materials and workmanship on the remaining components.
- H. OPTIONS: To include the following options \_\_\_\_\_.

### PART 3 EXECUTION

#### 3.1 INSTALLATION

1. Install in accordance with manufacturer's instructions.
2. Caulk between the building wall and unit.