

GUIDE SPECIFICATION

MANUFACTURER:

4Front Engineered Solutions - Kelley
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SECTION 11 13 16 AQS 900 SERIES SEAL SYSTEM

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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 Master Format 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.

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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

- I. 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.

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.

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 AQS 900 as manufactured by 4Front Engineered Solutions - Kelley, Muskego, WI.

2.2 EQUIPMENT

- A. COMPONENTS: Each unit shall consist of (1) roll-formed galvanized steel head frame, foam wiper pad, weighted side covers, and head frame support brackets.
- B. Wiper Pad: Side curtains will include flexible fiberglass stays, spaced 14" on center. All stays will be inserted into sleeves and then inserted into stay pockets. Side curtains will also include bottom wear panels. The inside of both side curtains will include a closed cell neoprene sealing edge. Head curtains will include (4) wear pleats at each end and (5) flexible fiberglass stays inserted into sleeves and stay pockets. The unit shall also include yellow guide stripes.
- C. PROJECTION: Overall unit projection shall be 14" beyond the face of the dock bumpers.
- D. FABRIC: The unit base fabric shall be _____.

The second layer of fabric for the (4) four wear pleats and (2) two bottom wear panels shall be _____.

E. WARRANTY: Unit shall include the manufacturers standard (5) five year frame warranty and a (1) year warranty against defects in materials and workmanship on the remaining components.

F. 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.