

High Performance Doors and Dock Equipment



Hörmann Flexon LLC
Buncher Commerce Park
Avenue C Building 20-A
Leetsdale, PA 15056-1376

SECTION 11880

Hörmann Flexon V-40 DOCK DOOR SEALS

(Rev. 5-09)

PART 1 – GENERAL

1.01 WORK INCLUDED

- A. Provide material, equipment, services, and labor to install the dock seals as shown on the plans and specified herein.

1.02 SUBMITTALS

- A. Shop drawings: Submit sets indicating elevations, sizes, methods of construction connection to adjacent members and installation.
- B. Product data: Manufacturer's standard equipment brochure.
- C. Colors: Manufacturer's standard color samples. The Architect shall select the colors.

1.03 DELIVERY STORAGE AND HANDLING

- A. Deliver and store product in accordance with manufacturer's printed instructions.
- B. If a dry, well-ventilated storage room is available at the facility, request permission to store the materials. If storage space is not available at the facility, store them in a safe, dry, interior storage area.

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Hörmann Flexon LLC, Buncher Commerce Park, Avenue C, Bldg. 20-A, Leetsdale, PA 15056-1376 / TOLL FREE: (800) 365-3667 / Outside USA: (724) 385-9150 / Fax: (724) 385-9151 / Email: sales@hormann-flexon.com / Web: www.hormann-flexon.com

2.02 MATERIALS

- A. Dock seal type: Hörmann Flexon Series V-40 foam dock seal.
- B. Sizes: See plans and verify in field.
- C. Wood: All 2 x 10 or 2 x 12 (Wolmanized) pressure treated lumber.
- D. Foam: Polyurethane with a load deflection of 21 – 27 lbs. A density of 1.15 to 1.25 lbs. / cubic foot. Foam to be cut in patented reverse wedge shape to accommodate both 8'0" and 8'6" wide trailers.
- E. Thread: Black, polyester, Dabond twisted, multi-cord, anti-wicking, V-207 government SPEC V-T-285-D.
- F. Cover material: Exclusive Vinyl 40 ounces cover material, nylon reinforced vinyl offering the following characteristics:

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- Color: black or blue
- Tear strength of: 190 x 160 tongue tear / 900 x 850 tensile grab.
- Abrasion resistance of 3000 cycles (to reinforcement).
- Adhesion of 15 lb./in.
- A cold crack rating of – 50 degrees F.

Note: All tests conform to ASTM

- G. Guide stripe: 6" w x 24"h nylon reinforced vinyl, dual position, color coded (yellow for 8'0" wide, orange for 8'6" wide trailers) guide stripes sewn to the face of each side pad at the bottom.
- H. Grommets: Each bottom of side pad to have 7 each #2 brass grommets for air release. Each head pad to have 9 each of the same type and size as side pads.

2.03 FABRICATION

- A. Fabricate dock seals to fit in accordance with field measurements and manufacturer's recommendations.
- B. Dock seal fabrication: Foam to be glued to wood with Urac-185 wood glue using a whisper spray method to apply glue to wood. Cover material to be custom fabricated to fit over wood and foam, using 21/32" Duo Fast galvanized wood staples to fasten to back of wood backboard.
- C. Ship dock seals according to manufacturer's standard procedure.

PART 3 – EXECUTION

3.01 INSTALLATION

- A. Install dock seals in accordance with manufacturer's recommendations.