

GUIDE SPECIFICATION FOR DUO-PAD® ROOF TRAFFIC AND VIBRATION PROTECTION PAD

SECTION 07 72 43

ROOF WALK BOARDS

Specifier Notes: This guide specification is written according to the Construction Specifications Institute (CSI) format. The section must be carefully reviewed and edited by the architect or engineer to meet the requirements of the project. Coordinate this section with other specification sections and the drawings.

Specifier Notes: W .R. MEADOWS® DUO-PAD provides a designated "safe" area on which to walk. Highly absorbent, shock-resistant DUO-PAD roof traffic pads are also ideal for application under machinery and equipment to safeguard the roof and serve as anti-vibration pads. Used around the perimeter of the roof, they provide a safe roadway for the rolling of window-washing equipment. DUO-PAD roof traffic pads may be used individually or in conjunction with each other to provide the exact type of protection and safety desired for each roofing system.

DUO-PAD roof traffic and vibration protection pads are composed of reprocessed rubber and selected bonding agents to provide tough, durable and impact-absorbent panels compatible with current popular roofing adhesives. DUO-PAD was developed to meet the ever-increasing popularity of the many single-ply roofing systems plus the desire of many in the industry to use rubber-to-rubber roof walkways. They are equally effective for built-up roofs. DUO-PAD provides a designated "safe" area for maintenance traffic.

In addition, the dense, durable, rubber composition of DUO-PAD offers dual application versatility as it provides safety and protection for the roof when used as machinery pads and anti-vibration pads under HVAC and other equipment installed on the roof.

DUO-PAD roof traffic and vibration pads are available in three thicknesses for application flexibility. The 3/4" thick DUO-PAD is ideal for application on the perimeter of the roof to provide a shock absorbent "roadway" for the rolling of window-washing equipment. In this application, the highly absorbent DUO-PAD increases the mobility of the equipment and effectively absorbs the shock of the equipment impact without reflecting or transmitting the shock to the roofing membrane.

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Application of a dense, durable, rubber roof traffic pad.

1.02 RELATED SECTIONS

Specifier Notes: Edit the list of related sections as required for the project. List other sections dealing with work directly related to this section.

- A. Section 07 50 00 – Membrane Roofing.

1.03 SUBMITTALS

- A. Comply with Section 01 33 00 - Submittal Procedures.
- B. Submit manufacturer's product data and application instructions.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to site in manufacturer's original packaging, with labels clearly identifying product name and manufacturer.
- B. Store materials in a clean, dry area in accordance with manufacturer's instructions.
- C. Protect materials during handling and application to prevent damage or contamination.

PART 2 PRODUCTS

2.01 MANUFACTURER

- A. W. R. MEADOWS, INC., PO Box 338, Hampshire, Illinois 60140-0338. (800) 342-5976. (847) 683-4500. Fax (847) 683-4544. Web Site www.wrmeadows.com.

2.02 MATERIALS

- A. Performance Based Specification: Roof traffic pad shall be composed of re-processed rubber and selected bonding agents, shall be compatible with roofing adhesives, and shall be composed of the following thickness:

Specifier Notes: Select 1, 2, or 3 to designate the thickness of the traffic pad, based on the requirements of the project.

- 1. 3/8" x 30" x 4' (9.53 mm x .76 m x 1.22 m)
- 2. 1/2" x 30" x 4' (12.7 mm x .76 m x 1.22 m)
- 3. 3/4" x 33" x 4' (19.05 mm x .84 m x 1.22 m)

- B. Proprietary Based Specification: DUO-PAD Roof Traffic and Vibration Pad by W. R. MEADOWS.

2.03 ACCESSORIES

- A. Roofing adhesive as recommended by the roofing membrane manufacturer.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine surfaces to receive roof traffic pad. Notify architect/engineer if surfaces are not acceptable. Do not begin application until unacceptable conditions have been corrected.

3.02 SURFACE PREPARATION

- A. Clean and prepare surfaces to receive roof traffic pad in accordance with manufacturer's instructions.
- B. Remove gravel from the area to be covered.

3.03 APPLICATION

- A. Apply roof traffic pad in accordance with manufacturer's instructions.
- B. Ensure accessory materials are compatible and approved by roofing membrane manufacturer.
- C. When hot asphalt is used, let surface cool until tacky.

- D. Spot adhere the roof traffic pad to the roof surface.
- E. New Construction
 - 1. Apply DUO-PAD directly to the roofing membrane.
- F. Existing Roof
 - 1. Carefully remove the existing gravel from the area to be covered.
 - 2. Apply two plies of felt, fully mopped-in with the same bitumen used in its built-up roof construction.
 - 3. Place the roof traffic pad in position.
 - 4. Install roof traffic pad in stepping stone fashion, with 1" (25.4 mm) to 3" (76.2 mm) spacing between, to permit the unrestricted flow of free water.
 - 5. Cut roof traffic pad to fit around drains, obstacles and rooftop equipment.
 - 6. If a thicker walkway is desired, laminate two or more pieces together using rubber adhesive.

END OF SECTION