



## Wall Padding

**Note:** These specifications were current at the time of publication but are subject to change without notice. Please confirm the accuracy of these specifications with the manufacturer and / or distributor prior to installation.

### SECTION 11 66 23 GYMNASIUM WALL PADDING

**SPECIFIER NOTE:** *This product guide specification is written according to the Construction Specifications Institute (CSI) Format, including MasterFormat, SectionFormat, and PageFormat, as contained in the CSI Manual of Practice.*

*The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building codes. Coordinate this section with other specification sections and the drawings.*

*Notes for review by specifier begin with "SPECIFIER NOTE." Optional text requiring a selection is enclosed within square brackets, e.g., "Color shall be [white] [black]." Items requiring specifier input are indicated by a blank line enclosed within square brackets, e.g., "Color: [\_\_\_\_\_]." Delete all italicized "Specifier Notes" and non-applicable optional text in final specification.*

*This section is based on systems manufactured by IPI by Bison, 603 "L" Street, Lincoln, NE, 68508. Toll Free 1-800-637-7968 Fax 1-800-638-0698 Web: <http://ipibybison.com> Email: [sales@IPIbyBison.com](mailto:sales@IPIbyBison.com). Contact the manufacturer for additional information and for assistance in editing this section for your specific application.*

## PART 1: GENERAL

### 1.1 Section Includes

**SPECIFIER NOTE:** *Coordinate this list with the equipment specified in Part 2 Products.*

- A. Supply and install gymnasium wall padding.

### 1.2 Related Sections

**SPECIFIER NOTE:** *List sections dealing with work directly related to this section such as the following. Delete those notes not required.*

- A. Section 11 65 00 – Gymnasium and playfield equipment.
- B. Section 11 66 43 - Interior scoreboards: Wall mounted electronic scoreboards to be protected.
- C. Section 12 46 19 – Interior clocks: Wall mounted clocks to be protected.

### 1.3 Submittals

- A. Comply with Section 01 33 00 - Submittal Procedures.
- B. Product Data: Submit manufacturer's published product data, including installation instructions.

- C. Shop Drawings: Submit manufacturer's shop drawings showing plans, elevations, sections, details and attachments to other work.
- D. Warranty: Submit manufacturer's standard warranty.

#### **1.4 Quality Assurance**

- A. All gymnasium wall padding components and accessories shall be products of a single manufacturer.
- B. Coordinate fabrication of wall padding with size and location of switches, electrical outlets, and other wall mounted items; structural framing and bracing projecting from wall surface; and door and other wall openings.

#### **1.5 Delivery, Storage and Handling**

- A. Comply with manufacturer's recommendations for delivery, storage and handling.
- B. Deliver materials to site in manufacturer's original, unopened packaging, with labels clearly identifying product name, manufacturer, and location of installation. Upon delivery, materials shall be inspected for damage. Deficient materials shall not be used.
- C. Storage: Store materials in a clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place to protect product from damage due to moisture and construction activities.
- D. Handling: Protect materials and finish from damage to surface and edges during handling and installation.

## **PART 2: PRODUCTS**

### **2.1 Manufacturer**

- A. IPI by Bison, 603 "L" Street, Lincoln, NE, 68508. Toll Free 1-800-637-7968 Fax 1-800-638-0698  
Web: <http://ipibybison.com> Email: [sales@IPIbyBison.com](mailto:sales@IPIbyBison.com).

SPECIFIER NOTE: *Delete one of the following two paragraphs; coordinate with requirements of Division 1 on product options and substitutions.*

- B. Substitutions: Not permitted.
- B. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00.

### **2.2 Gymnasium Wall Padding**

SPECIFIER NOTE: *Include the following article for IPI by Bison standard fire resistant wall padding. Delete all sections that are not applicable.*

- A. Wall Padding: Wall padding shall be constructed of 7/16" OSB oriented strand board with [2"] [3"] thick polyurethane open cell foam attached by means of non flammable adhesive. Foam shall confirm to ASTM G21 for antimicrobial resistance and confirm to 16CFR 1632, California TIB 117 A&D and D.O.T. FMVSS 302 for fire combustibility. Padding shall be covered with 14 oz. per square yard leather grain embossed vinyl coated polyester fabric. Vinyl cover shall meet or exceed NFPA-701, CSFM and ASTM E-84 Class A fire retardant ratings and be treated for mildew and UV resistance. Coated vinyl fabric should have a minimum 350 PSI tensile strength and an 85# tear strength. Fabric shall be attached to the OSB with staples not visible from the face of the padding.

SPECIFIER NOTE: *Include the following article for IPI By Bison Firewall™ wall padding. Delete all sections that are not applicable.*

- A. Wall padding: Wall padding shall be constructed of 7/16" OSB oriented strand board bonded to 2" thick Neoprene foam with non flammable adhesive. Foam shall have an approximate density of 8.5 lbs/cubic foot, pass ASTM G-21 and G-22 for fungal and bacterial growth resistance and pass 14CFR 25.853 (a), California TIB No 133 and D.O.T. FMVSS 302 for flame retardency and ASTM E662 smoke chamber testing. Padding shall be covered with a 14 oz. per square yard leather grain embossed, vinyl coated fabric. Vinyl cover shall meet NFPA-701, CSFM and ASTM E-84 Class A fire retardant rating and be treated for mildew and UV resistance. Vinyl coated fabric shall have a minimum 350 PSI tensile strength and an 85# tear strength. Fabric shall be attached to OSB with staples not visible from the face of the padding.
- B. Sizes:[2' (w) x 6' (h)] [2' (w) x 7' (h)] [2' (w) x 8' (h)] [custom: \_\_\_\_\_]
- C. Type: [Solid Color] [Two-color, Lettered] [Full-color Graphic]
- D. Mounting Style: [Flange Mount] [Hidden Z Track]
- E. Solid Color Vinyl Color Options: [Royal] [Dark Royal] [Scarlet] [Black] [Navy] [Forest Green] [Gold] [Purple] [Maroon] [Orange] [Kelly Green] [Columbia Blue] [Gray] [Brown] [Burnt Orange] [Cardinal Red] [Vegas Gold] [Other Pantone: \_\_\_\_\_(Additional Cost)]
- F. Lettering Color Options: [Royal] [Dark Royal] [Scarlet] [Black] [Navy] [White] [Forest Green] [Gold] [Purple] [Maroon] [Orange] [Kelly Green] [Gray] [Vegas Gold]
- G. Full Graphic Printing Options: Full four-color process. Artwork [to be created by manufacturer] [to be provided to manufacturer]. Water based clear liquid laminate shall be applied over the graphics for protection.

## **PART 3: EXECUTION**

### **3.1 Installation**

- A. Install gymnasium wall padding in accordance with approved shop drawings and manufacturer's instructions at locations indicated on drawings.
- B. Secure to wall with fasteners of type, size and spacing as recommended by manufacturer.
- C. Neatly make cutouts [in Factory] [in Field] for switches, electrical outlets and other items on wall and seal with matching vinyl fabric or using molded outlet trim where feasible.

### **3.2 Cleaning**

- A. Remove construction debris from project site in accordance with provisions outlined in Division 1.
- B. Remove protective wrappings and labels and wash surfaces.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

**END OF SECTION**