

Zurn Industries, LLC.
1801 Pittsburgh Avenue
Erie, PA 16502
Toll Free (855) 663-9876
Phone (814) 455-0921
Fax (814) 871-6141
Web Site www.zurn.com

October 2015



Product Guide Specification

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format. The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the drawings. Delete all "Specifier Notes" when editing this section.

SECTION 22 66 00

CHEMICAL-WASTE SYSTEMS FOR LABORATORY AND HEALTHCARE FACILITIES

Specifier Notes: This section covers ZURN PHIX Cartridges and PHIX Media for Chemical Acid Waste Neutralization Systems. Consult ZURN Industries, LLC for assistance in editing this section for the specific application.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. PHIX Cartridges and PHIX Media for Acid Chemical Waste Neutralization Systems

1.2 RELATED SECTIONS

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

- A. Section 22 01 60 – Operation and Maintenance of laboratory and Healthcare Systems.
- B. Section 22 43 00 – Healthcare Plumbing Fixtures.

1.3 SYSTEM DESCRIPTION

- A. System Requirements: Provide a high efficiency Chemical Acid Waste Neutralization System

1.4 REFERENCES

- A. International Plumbing Code Section 702.5 Chemical Waste Systems or Section 803 Special Wastes Paragraph 803.2
- B. Uniform Plumbing Code Section 811.0 Chemical Wastes Paragraph 811.2
- C. BMEC – Building Materials Evaluation Commission

1.5 SUBMITTALS

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

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Do not store materials in direct sunlight.
- C. Handling: Protect materials and finish during handling and installation to prevent damage.

PART 2 PRODUCTS

2.1 MANUFACTURER

Specifier Notes: Specify ZURN Industries, LLC PHIX Cartridges and PHIX Media

- A. [Zurn Industries LLC., 1801 Pittsburgh Avenue, Erie, PA. 16502 Toll Free (855) 663-9876.]
Web Site www.zurn.com

2.2 MATERIALS

- A. PHIX Cartridge Chemical Acid Waste Neutralization System (Polypropylene).
- B. PHIX Media Chemical Acid Waste Neutralization material for PHIX Cartridge maintenance replenishment (Proprietary Material Composition).
- C. Sizing
 - 1. Connections: 1-1/2" standard lavatory tailpiece inlet and 1-1/2" sch. 40 no-hub outlet

Specifier Notes: Specify required Chemical Drainage System options and revise above text as necessary. Delete options not required. Consult ZURN Industries, LLC for additional information.

D. Replenishment / Maintenance Options:

1. PHIX Media Pail 20 Kg.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine areas to receive PHIX Cartridge System. Notify Architect of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

3.2 INSTALLATION

- A. Install PHIX Cartridge System and all related components in accordance with manufacturer's instructions provided in the manner deemed acceptable by the on-site Project Engineer / Manager.

3.3 PROTECTION

- A. Protect installed PHIX Cartridge System from damage prior to, during, and post construction.

END OF SECTION