



## ATLAS® VTF SYSTEM

### DESCRIPTION AND USES

ATLAS VTF System utilizes vitrified tile in a direct bond flooring system to provide optimal aesthetics, uniformity and durability while providing a broad range of chemical resistance.

ATLAS VTF System is available in a broad range of dimensions, surface finishes and colors and typically in thickness from 1/2" to 3/4" (15 to 20 mm).

The tiles are placed in ATLAS® VTF SETTING BED with joint widths from 5/64" to 1/8" (2 to 3 mm). The joint is achieved by proper placement of straight edged tile or tile incorporating a pre-formed edge or spacer. ATLAS VTF Grout or ATLAS VTF NOVOLAC Grout is power grouted to provide a smooth, consistent joint throughout the floor.

**\*NOTE:** In addition, Vitrified tile may be installed using conventional tilesetter's methods with RED FURNANE® and a number of different ATLAS grouts.

### CHEMICAL RESISTANCE

ATLAS VTF SYSTEM floors are resistant to most food products, processing materials, by-products, and residues as they exist, or the changed chemical or biological state they acquire, such as fermented sugars, alcohols, etc. The system is also resistant to a broad range of cleaning agents, detergents, soaps and other alkalis, as well as fats, oils, greases, solvents, salts and acids used in food processing areas and in the maintenance of processing equipment.

### TILE

Vitrified and other tile are used in the ATLAS VTF SYSTEM. Vitrified tiling units offer outstanding chemical resistance and durability while maintaining excellent dimensional uniformity. While providing an aesthetic finish, they combine high compressive strength, low absorption and are impact and thermal shock resistant.

### ATLAS VTF SETTING BED

Detailed information is available on data sheet:

5-58PI – ATLAS VTF SETTING BED

**Note:** Atlas makes it a practice to continuously update and enhance our CCM (Corrosion Resistant Construction Materials) products. For the most recent version of any Data Sheet, please visit our Web site @ [www.atlasmin.com](http://www.atlasmin.com)

### GROUT

Detailed information is available on data sheets:

3-50PI – ATLAS VTF GROUT

3-51PI – ATLAS VTF NOVOLAC GROUT

### TEMPERATURE DURING APPLICATION

The best temperature range for the application of most ATLAS products is between 70°F (21°C) and 85°F (29°C). Do not apply when room temperature is below 60°F (16°C) or above 100°F (38°C) or in direct sunlight. Refer to ATLAS data sheets on low temperature curing materials if a minimum installation temperature of 60°F (16°C) cannot be maintained.

### STORAGE LIFE

Store all materials in a cool, dry place. Keep out of direct sunlight. In unopened, original containers most ATLAS materials can be stored for a minimum of one year.

### OTHER PERTINENT INFORMATION

Additional information is also available on:

3-3 – FURNANE Food Plant Floors

PS-30 – Surface Preparation

3-12DN – Specification – Concrete Floor Slabs

3-7 – ATLAS VTF System Bulletin

### PRECAUTIONS

The materials described herein are for industrial use only. They contain materials that present handling and potential health hazards. Consult Material Safety Data Sheets and the container labels for complete precautionary information before using.

### TECHNICAL SERVICES

ATLAS maintains a staff of Technical Service Representatives who are available to assist you with the use of ATLAS products. Please contact us to discuss specific requirements.

**The information provided in this Data Sheet is accurate to the best of our knowledge at the time of its publication. The information is intended as a guide and is not a warranty or quality specification.**