

# JS Uniflow

## Self-Leveling Underlayment

LOT#

### PRODUCT DESCRIPTION

JS Uniflow is a modified, cement based, self-leveling underlayment, offering the user the additional benefits of ease of placement and low labor demands. JS Uniflow is composed of a proprietary blend of fine silicas, high-grade cementitious binders and other quality ingredients. It is the most effort-free product of its type on the market today.

### GENERAL USES

JS Uniflow is designed for interior use on both new construction and restoration projects. Its ease of placement enables the crew to complete larger areas of flooring in a short period of time, with full confidence in the finished product.

JS Uniflow can be used on uneven and rough concrete floors, including those abused by rain during setting, freeze/thaw, and improper or badly timed finishing. It can be used in rehabilitation projects over old concrete, terrazzo and tile flooring to provide a smooth and attractive under flooring for subsequent application of carpeting, parquet, tile and the like.

**STANDARDS:** VOC compliant.

### INSTRUCTIONS FOR USE

#### Surface Preparation

Roughen surface area to receive JS UniFlow. Clean concrete surface of all dirt and debris to expose sound concrete surface. Carefully plan the work sequence. Each area must be started and completed as a single placement.

#### Priming

**After sub-floor is prepared and cleaned it must be primed with concrete primer prior to placing JS Uniflow.** Allow concrete primer to dry completely before JS Uniflow placement. Protect all surfaces from traffic and dust. It is recommended that in all cases a primer adhesion test be performed prior to placement of JS Uniflow. Take a utility knife; scrape a tic-tac-toe diagram into the primer. If the primer can be lifted with the knife blade, it is not a suitable application. If the primer remains attached and only scratches the primer, the surface is suitable for application. Special surfaces require specific priming instructions. Refer to manufacturer for complete technical support on proper preparation and priming steps prior to JS Uniflow placement.

#### Mixing

Use 5 quarts of clean potable water per 45 lb bag of JS Uniflow. Do not use more than 5 quarts of water. Use a paddle or reel mortar mixer. To insure a continuous flow of material, it is good practice to utilize two mortar mixers, preferably gasoline powered. Prior to the first batch of underlayment, wash out the mixer and mix only the amount of underlayment that can be placed within 20 minutes.

#### Application

Apply at surface temperatures between 40°F and 90°F. Pour JS Uniflow in place. Placement should be continuous until completed. Do not overwork JS Uniflow, as this may cause segregation, bleeding and breakdown of initial set. If vibrating machines or equipment are being used nearby, shut them down until underlayment takes final set. Under no circumstances should JS Uniflow be retempered.

#### Coverage

Approximately 24.4 sq.ft./45 lb bag at 1/4" when properly mixed with water. Yield will vary slightly depending on the amount of water, mixing equipment, temperature and other field conditions.

### LIMITATIONS/WARNING

Refer to Material Safety Data Sheet prior to use.

Do not apply JS Uniflow to floors that have been previously sealed or treated with curing and parting compounds or other coatings, unless these products have been chemically and/or mechanically removed. Do not apply to uncured concrete.

JS Uniflow produces an alkali solution and it is advisable that rubber boots be worn and that the eyes and skin protected from splashes during use. In the event of contamination, wash thoroughly with cold water. If eyes are affected, they should be irrigated with water and medical attention sought.

### KEEP PRODUCT OUT OF REACH OF CHILDREN

### TECHNICAL SERVICES

Jobsite Supply Technical Service Department provides complete product and technical support.

### PACKAGING

45 lb (22.7 kg) bag



HIMS  
Hazard Ratings

0 - Least  
1 - Slight  
2 - Moderate  
3 - High  
4 - Extreme