



# DEPENDABLE®



DEPENDABLE WEARFLOW is a polymer modified, blended cement, self-leveling wear resistant topping. WEARFLOW is designed to level and resurface degraded industrial or commercial concrete floor surfaces. WEARFLOW offers a crisp, clean gray appearance.

## Features and Benefits

- Heavy-duty industrial wear surface.
- Superior abrasion resistance.
- High strength.
- Pumpable or pourable.
- Concrete gray appearance.

## The DEPENDABLE Difference

- Rapid strength development.
- Resurface from 1/4" to 2" thickness in a single lift.
- Sealer is not required.
- Economical method of floor resurfacing.

## Where to use...

With excellent wear resistance, WEARFLOW is the product of choice to level or repair commercial and industrial floor surfaces. Over a properly prepared sound concrete floor, WEARFLOW may be applied in thicknesses from 1/4" up to 2" in a single application. Sealing is not required for wear resistance.

WEARFLOW may require sealing to allow easier surface cleaning and/or to provide chemical resistance.

WEARFLOW is compatible with most floor sealing/coating systems. Follow specific manufacturers recommendations. (See usage and limitation information on reverse side)



## PHYSICAL CHARACTERISTICS

**Working Time:** 15-20 minutes

**Initial Set Time:** 1 hour, 15 minutes @70° F (21° C)

**Final Set Time:** 2 hours, 15 minutes @70° F (21° C)

**Compressive Strength:** 8 hours – 3,200 psi  
24 hours – 4,500 psi  
28 days – 7,000 psi

**Abrasion Resistance:** 0.2 gram weight loss at 14 days.

**Flexural Strength:** 1,300 psi

**Thickness:** 1/4" up to 2", in a single lift (6mm up to 50mm)

**Yield (per 50 lb. (22.7 kg. bag):** 0.46 cubic feet

**Coverage Rate:** @ 1/4" thickness: 22 square feet  
@ 1/2" thickness: 11 square feet

**Mix Ratio:** 5.5 quarts cool clean water per 50 lb. bag.  
(4.95-5.25 liters water per 22.7 kg. bag)

**Application Conditions:** Surface and product must be over 50° F (10° C) and not allowed to freeze for 7 days.

**Color:** concrete gray

**Admixture:** cool clean water

**Priming:** PRIMER SL required.

Primer coverage rate of 200-250 sq. ft. per gallon expected.

## PACKAGING

### WEARFLOW

50 lb. bag (22.7 kg) Kraft paper, double wall

### PRIMER SL

5 gallon pail (18.93 L) with pour spout

1 gallon bottle (3.78 L)

# PREPARATION AND APPLICATION

## SURFACE PREPARATION

All supporting concrete subfloors shall be structurally sound and solid. They shall be free of dust, dirt, oil, grease, paint, tar, curing compounds or other contaminants which may act as a bond-breaker. Mechanically clean the surface by shot-blasting, scarifying or other suitable means. Weak, over-watered or frozen concrete surfaces must be mechanically cleaned down to sound, solid concrete. The use of acid, chemical degreasers or solvents is not an acceptable method of cleaning the surface. Concrete that has been power-trowelled will require shot-blasting to produce a suitable bonding surface.

## EDGES

All transition points or edges between the existing (remaining) surface and the area to be repaired must be sawcut. The sawcut depth must be at least the thickness of the repair or topping. It is preferred, however, to create the sawcut slightly deeper (1/8"-1/4") than the intended topping. This will help the WEARFLOW lock itself into place, creating a smooth, durable transition point.

## PRIMING

Using a soft bristle broom, apply PRIMER SL full strength at a rate of 250 sq. ft. per gallon. Evenly coat the entire surface leaving no bare spots. Allow to dry and become tacky (minimum 1 hour, maximum 24 hours). Note: Primer not covered beyond 24 hours will require a second application of PRIMER SL. Do not apply in excessive amounts and avoid puddling or pooling.

## CRACKS

All cracks in new or old concrete slabs should be repaired to prevent their telegraphing through to the new topping. Normal shrinkage or dormant cracks should be cleaned and filled with DEPENDABLE SKIMCRETE XL. Sawcuts or control joints may be thoroughly cleaned and filled with a cement-based patch material such as SKIMCRETE XL. The installer may wish to plan sawcuts into the finished WEARFLOW based on existing sawcuts. This will allow any cracking to occur in straight lines in the finished topping which will be aesthetically appealing.

## EXPANSION/ISOLATION JOINTS

These joints are designed to allow independent movement between slabs. They must be allowed to maintain their integrity. Do not cover an expansion joint with WEARFLOW. If the expansion joint is filled with a patch or other non-flexible material, expect cracking and failure at this area.

# DEPENDABLE®

**FLOOR UNDERLAYMENTS  
AN ALL AMERICAN COMPANY**

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## MIXING

Optimum water ratio is 5.5 quarts of cool clean water to each 50 lb. bag of WEARFLOW. Never use more than 5.5 quarts of water per 50 lb. bag. Do not re-temper. Slowly add each bag of DEPENDABLE WEARFLOW to water while mixing with a 1/2" drill (150-450 rpm) equipped with a D-1 paddle. Always add powder to water. Mix thoroughly a minimum of 2 minutes with a maximum of 3 minutes to a homogeneous lump-free mixture. DO NOT OVERWATER.

## APPLICATION

Pour entire container of mix on the prepared floor as quickly as possible. WEARFLOW will have approximately 10 minutes flow rate with a 15-minute work time. Immediately after pouring mix, spread with D-2 spreader. Always plan pours as to apply new mix next to freshest material possible. Smooth irregularities and transition points using D-3 smoother. DEPENDABLE WEARFLOW is a fast-setting material. Smoothing fresh material will yield the best results. Smoothing or trowelling WEARFLOW 5-10 minutes after placing may result in a shade variation. DEPENDABLE WEARFLOW can be installed a minimum of 1/4" to a maximum of 2" in a single application.

## SEALING

WEARFLOW exhibits superior abrasion resistance, however, sealing or coating may be preferred to allow easier maintenance or chemical protection. WEARFLOW is a cement-based material and therefore is affected by many of the same chemicals that affect Portland cement concrete.

## LIMITATIONS

Designed for interior use. Material can be pumped, but mixing must be continuous and pump and hose should be cleaned immediately.

Do not use...

- Where either surface or air temperature falls below 50°F (10°C) at or within 72 hours after installation.
- When finished floor is subject to freeze (32°F or 0°C) anytime within 7 days of installation
- Where hydrostatic pressure or excessive moisture conditions exist.

## GUARANTEE

Manufacturer guarantees its product to be free of defects and the extent of its warranty is limited to the purchase price of its product only if proved defective when used as directed. There are no other warranties or guarantees expressed or implied, and no salesman, agent, distributor or dealer has authority to extend, alter or waive these provisions.

For more information on this and other DEPENDABLE Products, visit our web site at

**www.floorprep.com**

Technical Assistance, Field Representatives and Distributors can be obtained by calling...

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