



ChemMasters®

SPECIALTY CONSTRUCTION PRODUCTS

Level Top™ Supreme White

Traffic Grade Industrial, Interior, Self-Leveling, Resurfacer, and Overlayment

P R O D U C T D A T A

DESCRIPTION

ChemMasters' **Level Top Supreme White** is a self-leveling, cementitious, industrial floor resurfacer designed for architectural appearances on interior structural floors. It is a single component, traffic grade product that is light reflective, pigmentable, may be dyed or stained, and polished to a glossy finish.

USES

- Level existing interior concrete floors
- Smooth rough surfaces on new poured in place or precast concrete floor
- Repair severely spalled or deteriorated floors in industrial or commercial applications
- Create decorative finishes on wearing surfaces

ADVANTAGES

- Non shrink with excellent bond and flexural strengths
- May be placed from featheredge to 4 inches (10 cm)
- Accepts foot traffic in 4 hours for rapid turnaround
- Can be used to create decorative finishes
- Highly polishable to a glossy finish
- Does not contain gypsum - will not dust or powder
- Compatible with most tile and carpet adhesives, polymer, and acrylic coatings

Packaging Part Number

50 lb (22.7 kg) bags	56 per pallet	F 2230.50 WH
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TECHNICAL DATA

Estimating Guide per bag

Thickness inches (cm)	Coverage ft ² (m ²)
0.125 (0.32)	46 (32)
0.25 (0.64)	22.5 (2.1)

Yield and Extended Yield

Yield	Extended
0.48 ft ³ (0.014 m ³)	0.54 ft ³ (0.015 m ³)

*extended yield: 25 lb (11.3kg) # 10 mesh US sieve aggregate

Compressive Strength ASTM C109

Days	psi
1	4000
7	5000
28	8000

Physical Properties

Working Time	20 minutes
Set Times ASTM C191	
Vicat Method	
Initial	1 hour
Final	1.5 hour
Hard Dry Time	
Light Traffic	12 to 24 hours
Wheeled Traffic	48 hours
Application Temperature	50 to 90°F (10 to 32°C)
ASTM C 944	
Abrasion Resistance	1.0 gram
ASTM C 348	
Flexural Strength @ 28 days	1150 psi (8MPa)
Water Requirements/ bag	4.5 quarts (4.25 liters)
ASTM C157 Shrinkage @ 28 Days	0.06%

DIRECTIONS

Substrate Preparation: Remove unsound concrete including loose, frozen, broken, or carbonated surfaces, curing or sealing compounds, or coatings. Refer to International Concrete Repair Institute Guideline 03732 for preparation of floor. Fill large cracks, holes, and voids with ChemMasters' **ChemSpeed 75** within 36 to 48 hours before placement. Contraction and control joints must be maintained through the underlayment. Mark their location for later saw cutting of the **Level Top Supreme White**.



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Ceramic, quarry tile, terrazzo, wood, and tile or cutback covered surfaces require special attention. Consult ChemMasters' Technical Service Department for specific recommendations.

Priming: Mix **Polyweld Bonding Agent & Primer** 1:1 volume with clean potable water and apply to clean dry prepared surface with a broom, brush, or short napped roller at a rate of 200 ft²/gal (5m²/L). Apply an even coat removing any puddles. To fully seal very porous surfaces a second coat may be required. Place **Level Top Supreme White** once the primer is dry to touch and within 48 hours of primer application. Keep primed surface clean and protected from abrasion.

Hand Mixing/Hand Pour:

Tools: Mixing barrel, gauged spreader, porcupine roller, and 0.50" (1.3 cm) or larger, heavy duty drill fitted with a mixing prop or jiffler blade.

Mixing: Mix each 50 lb (22.7kg) bag of **Level Top Supreme White** with exactly 4.5 qt (4.25L) of potable water. DO NOT OVER WATER. Add **Level Top Supreme White** to the water in the barrel at a steady rate while mixing with a drill and paddle. Mix 2 to 3 minutes to achieve a lump free mix.

Maximum thickness of **Level Top Supreme White** in a neat system is 1.25" (3cm). For thickness >1.25 in (3cm) extend **Level Top Supreme White** with up to 25lbs (11.3kg) of #10 Mesh US sieve aggregate. Add aggregate extension following initial mixing and blend until evenly dispersed throughout batch. The addition of aggregate reduces flow and leaves a rough surface. Do not add more water to increase flow.

Pour: Pour the **Level Top Supreme White** onto the area to be leveled. Spread out using gauged spreader tool set to the desired depth. Use spiked roller to disperse air bubbles. Repeat mixing and pouring until installation is complete. Use a smoother for touchups. Pour into leading edge of previous pour before initial set and spread to avoid low spots between pours.

Pump Application: For specific pump methods and installation contact ChemMasters Technical Service department for recommendations. Generally **Level Top Supreme White** is pumped through a hose to the application site. The applicator lays down a succession of 3 to 6". (7.6 to 15cm) ribbons of material pumping into the leading edge of the preceding section. Depending on the pump used,

10,000 to 50,000ft² (900 to 4500m²) at 0.25 in (0.6cm) can be placed per day. Use within 20 minutes of mixing. For best results ambient and surface temperatures should be between 50 to 90°F (10 to 32°C).

Cure and Sealing

Air cure **Level Top Supreme White** for 3 days and wash with warm water and mild soap to remove any dirt and polymer from the surface of **Level Top Supreme White**. Let surface dry and apply ChemMasters' **PolySeal WB**, **Safe Seal**, or **Safe-Cure & Seal 309** to seal **Level Top Supreme White**.

Clean Up

Clean tools and equipment with water before material dries and hardens.

Storage

Store unopened bags on pallets in a cool dry area. Shelf life is one year from date of manufacture.

Limitations

- Exposure to direct sunlight and draft should be avoided during and shortly after placement of **Level Top Supreme White** due to the possibility of cracking and bubbling.
- Follow standard concrete placement practices in very cold or very hot temperatures.
- Do not place when air or surface temperature is below 50°F (10°C).
- **Level Top Supreme White** is formulated for interior use only. Do not place in areas subject to freeze/thaw cycling.

CAUTIONS

Causes irritation to eyes. May cause skin irritation, sensitization, and chemical burns. Respiratory tract irritant. Use with adequate ventilation. Do not take internally. See SDS for proper handling instructions.

Keep out of Reach of Children

This Product is Formulated and Labeled for Industrial and Commercial Use Only

FOR BEST RESULTS AND SAFEST USAGE, USER IS SPECIFICALLY DIRECTED TO CONSULT THE CURRENT MATERIAL SAFETY DATA SHEET AND PACKAGE LABEL FOR THIS PRODUCT

We warrant our products to meet our published specifications and to be free from defects in materials and workmanship to the acceptable quality levels defined in these specifications. If acceptable quality levels are not specified, the acceptable quality levels will be those normally supplied by us for the product. We make no guarantee of the results to be obtained from the use of our products. The determination as to the adaptability of any of our products to the specific needs of the Buyer is solely Buyer's prerogative and responsibility. We are glad to offer suggestions on the use of our products. Nevertheless, there are no warranties given except such expresses warranties offered in connection with the sale of a particular product. Our liability shall be limited to replacement of, or refund of an amount not to exceed the purchase price attributed to, the goods as to which such claim is made. Our selection of one of these alternatives shall be Buyer's exclusive remedy. IN NO CASE SHALL WE BE LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES, EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, GUARANTEES, CO-CONDITIONS AND REPRESENTATIONS, EITHER EXPRESSED OR IMPLIED, WHETHER ARISING UNDER ANY STATUTE, COMMON LAW, USAGE OR TRADE, COURSE OF DEALING OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.