

Ultratop[®] SP

High-Performance, Polishable,
Self-Leveling Topping for a
Fine-Aggregate Finish



DESCRIPTION

Ultratop SP is a polishable, self-leveling, cementitious topping that provides a fine-aggregate exposed finish. *Ultratop SP* is engineered for fast-track resurfacing of horizontal wear surfaces.

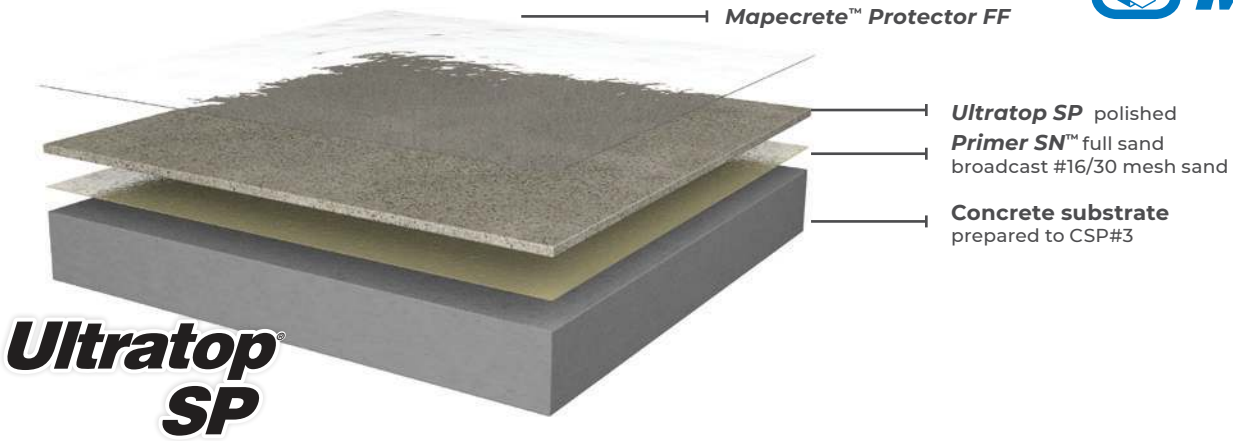
FEATURES AND BENEFITS

- Easily installed from 3/8" to 2" (10 mm to 5 cm)
- Quickly hardens within 2 to 3 hours; polishable in as soon as 24 hours
- For diamond-polishing guidelines, see the technical bulletin "Polishing *Ultratop*" in the Concrete Restoration Systems section of MAPEI's Website.
- Available in gray color
- Although already extended with coarser aggregates, *Ultratop SP* can be extended with decorative aggregate up to 1/4" (6 mm) in size, resulting in unlimited finished appearances.



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- Ultratop SP is engineered for fast-track resurfacing as the cementitious topping of the Ultratop Polished System.
- The Ultratop Polished System using Ultratop SP provides a cementitious topping for fast-track resurfacing of interior wear surfaces.

PRODUCT PERFORMANCE PROPERTIES

Laboratory Tests	Results
Compressive strength – ASTM C109 (CAN/CSA-A5) at 73°F (23°C) and 50% relative humidity	
1 day	> 2,500 psi (17.2 MPa)
7 days	> 4,400 psi (30.3 MPa)
28 days	> 6,000 psi (41.4 MPa)
Flexural strength – ASTM C348 (CAN/CSA-A23.2-8C) at 73°F (23°C) and 50% relative humidity	
28 days	> 1,000 psi (6.90 MPa)
VOCs (Rule #1168 of California's SCAQMD)	0 g per L

Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

SHELF LIFE AND PRODUCT CHARACTERISTICS before mixing

Shelf life	9 months when stored in original, unopened packaging in a dry, covered and well-ventilated place at 73°F (23°C)
Physical state	Powder
Color	Gray

APPLICATION PROPERTIES

Mixing ratio	3.15 to 3.50 U.S. qts. (2.98 to 3.31 L) of water per 50-lb. (22.7-kg) bag of powder
Density	About 131.1 lbs. per cu. ft. (2.10 kg per L)
Application temperature range	50°F to 90°F (10°C to 32°C)
Flowing time at 73°F (23°C)	10 minutes
Final set at 73°F (23°C)	< 100 minutes
Time required before installation of stains or coatings	24 hours



PACKAGING

Bag: 50 lbs. (22.7 kg)

APPROXIMATE COVERAGE*

per 50-lb. (22.7-kg) bag

Yield	0.44 cu. ft. (0.01 m ³)
Coverage at 3/8" (10 mm) thickness	14.1 sq. ft. (1.31 m ²)
Coverage at 1/2" (12 mm) thickness	10.6 sq. ft. (0.98 m ²)

* Coverage shown is for estimating purposes only. Actual jobsite coverage may vary according to substrate conditions and setting practices.

CSI DIVISION CLASSIFICATIONS

Concrete Topping	03 53 00
Cast-in-Place Concrete	03 30 00