

# SCHÖNOX DSP AND DSP PLUS INDUSTRIAL STRENGTH MEETS INDUSTRIAL CHIC.



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## WEAR-RATED, CEMENT-BASED SELF-LEVELING COMPOUNDS AND CONCRETE TOPPING. DECORATIVE AND DURABLE.

Schönox DSP and DSP PLUS are ideal for use in minimalist interior designs. For retail and office environments, restaurants, public buildings, and private residences, our DSP and DSP PLUS cement-based self-leveling concrete toppings provide extremely dense and durable surfaces that may be polished to reveal their natural beauty.

Take your business to a whole new level. Call 855.391.2649 or visit [hpsubfloors.com](http://hpsubfloors.com) to learn how your projects run smoother with Schönox On It.





# SCHÖNOX DSP AND DSP PLUS

## CEMENT-BASED SELF-LEVELING COMPOUND AND CONCRETE TOPPING

Provides an extremely dense and durable surface to be stained, sealed or polished in interior and exterior areas. DSP can be installed above 1/4" up to 2". DSP PLUS 3/8" up to 2".



PUMPABLE



RESISTANT TO HIGH MECHANICAL LOAD



TROWELABLE



UL CLASSIFIED

### PRODUCT CHARACTERISTICS

- EMICODE EC 1<sup>PLUS</sup> R: very low emission
- For interior and exterior use
- Moisture resistant
- Self-leveling
- Suitable on underfloor heating systems
- Low shrinkage
- Pumpable
- Suitable for castor wheel loadings at 1/4"
- Suitable for use as a commercial wear topping in industrial applications polishing minimum 3/8"

### RECOMMENDED APPLICATION DETAILS

Schönox DSP is suitable for filling, smoothing and leveling of substrates under:

- Suitable sealers, densifiers and coatings when installed as a wear layer or polished topping

### PACKAGING

- 25 kg / 55 lb. net weight in paper bags

### STORAGE

- Store in cool and dry conditions.
- Shelf life: 12 months unopened

### DISPOSAL

- Empty packaging and dispose of in accordance with federal, state and local waste disposal regulations.

### VOC CONTENT

- 0g/l (calculated), SCAQMD 1113

### TECHNICAL DATA

- Pot life: approx. 30 minutes at 68°F
- Ready for foot traffic: after approx. 2 - 3 hours
- Ready for covering:
  - after 24 hours up to 1/4" thickness
  - after 48 hours up to 1/4" thickness prior to applying suitable sealers, densifiers and coatings or prior to polishing
  - for ceramic tiles: when walkable
- Working temperature: not below 41°F floor temperature
- Coverage: approx. 25 – 30 sq.ft. per unit at a thickness of 1/4" (depending on substrate conditions and aggregate used)
- Compressive strength (ASTM C109/mod – air cure only): approx. 40 N/mm<sup>2</sup> / 7250 psi at 28 days
- Flexural strength (ASTM C348): approx. 10 N/mm<sup>2</sup> / 1500 psi at 28 days
- Tensile strength (ASTM C1583): approx. 3 N/mm<sup>2</sup> / 450 psi after 3 days
- Initial set (ASTM C191): approx. 80 minutes at 70°F
- Final set (ASTM C191): approx. 95 minutes at 70°F
- UL classified in accordance with ASTM E84 (ANSI/UL 723): Flame Spread 0; Smoke Development 0
- Abrasion resistance (ASTM D4060): approx. 1.4 at 28 days

All values are approximate and are subject to local climatic fluctuations based upon conditions at 70°F with atmosphere of less than 65% relative humidity following the recommended mixing ratio. Do not install underlayment or topping before the substrate has dried thoroughly.

### PRECAUTIONS

- Schönox DSP contains Portland cement and sand aggregate. Avoid eye and skin contact. In case of contact, rinse immediately with plenty of water. In case of contact with eyes, seek additional medical advice. Mix in a well-ventilated area and avoid breathing powder or dust.
- KEEP OUT OF REACH OF CHILDREN. Carefully read and follow all cautions and warnings on product label. For complete safety information, please refer to the Safety Data Sheet, or visit our website, [hpsubfloors.com](http://hpsubfloors.com).
- Never mix with cement or additives other than Schönox approved products.
- Observe the basic rules of concrete work. Do not install below 41°F surface temperature. Install quickly if substrate is warm.
- Low in chromate in accordance with REACH.



LEED V4

May help contribute to LEED v4 certification of projects in these categories:

- EQc2 – 3 points Low-Emitting Materials
- MRc1 – up to 2 points Life-Cycle Impact Reduction
- MRc2 – 1 point Environmental Product Declaration
- MRc4 – 1 point Material Ingredient

