



Highly Flowable Cementitious Topping

# DAROTOPP® XS

**DAROTOPP® XS** is a ready-mix, high performance, cementitious self-leveling topping for interior floors. The use of special fillers and plastic modified additives enables thicknesses from feather edge up to 3 inches.

**DAROTOPP® XS** is a ready-mix product delivered to construction sites just in time through our concrete and ready-mix partners in conventional concrete trucks.

**DAROTOPP® XS** is installed BONDED to concrete, pre-cast and hollow-core substrates without extensive preparation of slab(s) such as shot blasting or scarifying as **DAROTOPP® XS** doesn't shrink or curls.

**DAROTOPP® XS** provides economic & long-term substrate and topping solution while providing large crack-free areas within tolerance of 1/8" on 10'.

**DAROTOPP® XS** resolves a number of on-site issues while ultimately providing cost/time savings and long-term floor slab and substrate performance. Higher technical and mechanical performance provide superior flatness, levelness and dimensional stability, while improving on-site working conditions and logistics providing significant time savings in the project critical path.



**DARO, the only company that complies with OSHA's new 2017 silica dust regulations!**



## KEYFACTS

Delivered just-in-time on site as ready-mix product through in-house and on-site **DARO Quality Assurance**.

**LEED** credits available under Materials & Resources Indoor Environmental Quality emitting materials. The manufacturing process of our special fillers is by-product of the flue gas cleaning process of power plants.

**DAROTOPP® XS** does not produce any off-gassing and is absolutely VOC free.

This self-leveling material (slump up to 15 inches) can be installed at 3/8" up to 10.000 ft<sup>2</sup>/hour (through **DARO** pumps) with **NO** joints without curling and shrinking.

The use of regular portland cement and special fillers avoids any mould issues as known from organic based gypsum toppings.

**Compressive Strength: 4.000 - 6.000 psi**

**Non combustible**

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### TECHNICAL DATA

Flexural Strength .....	600 - 1,450 psi (ASTM C 348)
Compressive Strength .....	4,000 - 6,000 psi (ASTM C 109)
• 1day: 50%, 7 days: 85% and 21 - 28 days to achieve full strenght	
PH .....	> 10
Suitable for Load Carrying .....	2 days
Thermal Conductivity .....	125,000 Btu (it)/minute
Thermal Expansion .....	0.00016"/ ft x °F
Cover Ready: EPOXY coatings, PVC and hardwood....	< 0.5%
Cover Ready: carpet, ceramic tiles, natural stone, etc..	2 - 2.5%
Dry Weight .....	app. 3,113 lbs/cuyard
Initial Set .....	> 240 Min
Non Combustible	

### RELATED DATA

Mixing .....	Provided as Ready-Mix in Concrete Trucks
Truck life .....	3 hrs and up to 6 hrs with additive
Installation .....	Special DARO pum p/registered applicators
Approx Coverage at 3/8" .....	820 ft <sup>2</sup> /cuyard
DAROTopp weight at 3/8" .....	3.79 lbs/ft <sup>2</sup>

### General Site/Environmental Conditions:

- Prior to, during and following installation of **DAROTopp® XS**, building interior of the project shall be enclosed and maintained at temperatures no lower than 41°F and no higher than 90°F.
- Windows and doors to be kept closed to avoid drafts during initial 48hr period after pumping
- Avoid "Chimney Effect" i.e. stairwell to prevent accelerated drying and no exposure to direct sunlight
- Examine substrate to ensure sub-floor is structurally solid with adequate bearing strength, removing any unsound concrete and filling voids, large cracks and holes
- Broom clean existing concrete slab and application of primer. (NO shot blasting, grinding, etc required)

### Preparation for Flooring

- Floor Usage: normal foot traffic within 24hrs depending on temperature/humidity conditions
- Some floor finishes such as VCT or vinyl may require light sanding of **DAROTopp®** surface.
- With ideal conditions of 70°F and a RH less than 50% for example, floor ready to accept tiles or carpet in 8 - 12 days, again depending on conditions.; hardwood and VCT requires moisture test by floor finish contractor.
- Prior to covering installation, **DARO** to confirm moisture content of 2% - 2.5%, (.5% for epoxy) or typical requirement of 3lbs/1000ft<sup>2</sup> per 24hrs using calcium chloride test.

**DARO FLOORING Systems USA LLC**

For further information, please contact us at (615) 668 2306 or (905) 264-2202  
Alternatively, please visit our website at [www.daro-flooring.com](http://www.daro-flooring.com)