

# DAROTopp® MPP

## Universal, Alkali Resistant Primer for Underlayments

### Division 3

03 54 00 Cast Underlayment  
03 54 16 Hydraulic Cement Underlayment

### Division 9

09 80 00 Floor Finishes

### Suitable Substrates

(well bonded, clean, dry, sound and stable)

Concrete - absorbent and non-absorbent  
Gypsum  
Wood  
VCT  
Ceramic tile  
Cement terrazzo  
Cutback adhesive residue  
Epoxy moisture vapor membranes (free from amine blush)  
Other approved substrates

### LEED

DAROTopp® MPP may contribute to LEED certification of projects as follows:

**Indoor Environmental Quality**  
EQ 4.2  
Low Emitting Materials  
VOC content <50g/l

**Materials and Resources**  
MR 5.1  
Regional Manufactured Cleveland, OH

DAROTopp® MPP is a breakthrough acrylic copolymer primer technology with alkali resistance to pH 14 while providing superior bond to substrates when used with DAROTopp® Self-Leveling Underlayments (SLUs).

DAROTopp® MPP is suitable for a wide variety of porous and non-porous substrates making it the only required primer in typical SLU installations. Designed with installers in mind DAROTopp® MPP offers maximum versatility, low-VOCs, fast drying, tremendous coverage and easy handling.

### Features

- Fast drying
- Maximum versatility for use over a wide variety of substrates
- Exceptional bond performance
- Prolonged resistance to pH 14
- Excellent coverage
- Low odor and low-VOC

### Properties (tested @ 73°F)

Time to dry before SLU application	60 - 120 mins (temperature and humidity dependent)
Open Time for SLU application after dry	Up to 48 hours (must be kept clean)
Temperature for application	50°F to 90°F (10°C – 32°C) substrate and ambient

#### Coverage per gal

Porous surface	Diluted 3:1 (water:primer) 600 – 1000ft <sup>2</sup> (applied by soft tip broom)
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Non-Porous surface	Undiluted 450 – 650 ft <sup>2</sup> (applied by roller)
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Packaging	5 US Gallon (18,9 l) containers or 255 US Gallon totes
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Shelf life	24 months from date of mfg, stored properly (DO NOT ALLOW TO FREEZE)
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Polymer type	Advanced acrylic copolymer
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Color	Light Red
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Flash Point	>212°F (100°C)
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## General Guidelines

- For use in dry, interior applications environments only
- Not for installation over materials containing asbestos
- For application when substrate and ambient conditions are between 50 - 90°F (10-32°C)
- Moisture limits (RH or Moisture Vapor Emissions Rate (MVER)) are determined by the finished flooring and associated adhesive).
- Concrete surface temperatures must be at least 5°F (3°C) above the dew point and rising prior to application
- Not suitable for use over luan, plastic, fiberglass, metal, particle board, sheet vinyl, and other dimensionally unstable materials.
- Installation must conform to applicable local, state and federal building codes.

## Storage

Store in cool and dry conditions, out of direct sunlight in sealed containers. DO NOT ALLOW TO FREEZE. If material freezes, dispose in accordance with local, state and federal regulations.

## Clean-up and Disposal

Wash hands and tools with water before the dries to a film to ensure easiest removal. Dispose of waste in accordance with all local, state and federal regulations.

## References

ASTM F1869 Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride

ASTM F2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes

ASTM F-710 Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring

ASTM C1708 Standard Test Methods for Self-leveling Mortars Containing Hydraulic Cements

## Surface Preparation

All surfaces must be sound, stable, and clean. Ensure surfaces are free from dust and dirt and any bond breaking materials (silicates, curing compounds, oils). Mechanically remove weak surfaces and any contaminants to sound surface. Always finish cleaning by a final removal of contaminants by vacuum. Not for use over water soluble adhesives or pressure sensitive adhesives. In those cases, remove adhesive prior to priming.

## Application Procedures

### FOR PROFESSIONAL USE ONLY

Use chemical resistant gloves when handling.

### Mixing

To address any settling, mix DAROTopp® MPP briefly with a low speed (300 rpm) mixer and paint paddle to ensure all contents are homogeneous (typically 30 seconds). Use full strength as directed. When specific substrates require the dilution of DAROTopp® MPP, mix again after diluted to the desired ratio with low speed mixer (typically 1 min). Remix diluted material if it sits more than 24 hours.

### Material Application

Substrates shall be tested for absorbency on site. Place a bottle - capful of clean water on the substrate, if it readily disappears into the substrate, substrate is absorbent.

All slabs on or below grade level must have an intact vapor barrier directly beneath the concrete in conformity with local standards. Contact Technical services for treatment of concrete slabs on grade with DAROTopp® EMS in cases where:

- Concrete slabs on grade have no vapor barrier
- Concrete slabs on grade have a compromised vapor barrier
- Concrete slabs on grade exceed 90% RH

### Absorbent Substrates

(Typically concrete, gypsum); Dilute Primer 3:1 (water:primer). Ensure the substrate stays wet for at least 15 minutes. Substrates that “flash dry” may require additional dilution, or other remedial actions. If substrate does not stay wet at least 15 minutes, contact DARO Technical Support. Gypsum substrates tend to be very absorbent and may require additional dilution. In many cases gypsum requires primer dilution of 6:1 (water:primer or even 10:1 to maintain desired wet surface for 15 minutes).

Once diluted use a push broom with fine tips and spread DAROTopp® MPP with the broom working it back and forth across the surface to ensure penetration into the pours of the substrate. Avoid allowing the material to puddle, rather spread any puddles uniformly across the surface. Some highly porous surfaces may require an additional primer coat (primer effectiveness can be water tested with a capful of water after it has dried).

### Non-Absorbent Substrates

(VCT, Adhesive Residues, Cement Terrazzo, Moisture Membranes, Epoxy).

Apply undiluted DAROTopp® MPP with a paint or dual cage roller using a 3/8” nap roller. Spread to ensure the entire surface is covered with a thin, even film, avoiding puddling. If material puddles, spread uniformly across substrate. Not for use over water soluble adhesives or pressure sensitive adhesives. In those cases, remove adhesive prior to priming.



## Technical Support

Contact 416-432-3345

### Precautions

Read and follow all precautions and warnings indicated on the product label and on the product Safety Data Sheet (SDS) available at [www.darotopp.com](http://www.darotopp.com)

### Limited Warranty

DARO USA, LLC warrants to the initial purchaser only that the goods sold hereunder will be free from defects in material and workmanship and, except as otherwise set forth herein, will conform to the specifications provided. If any failure to meet this warranty appears within one year from the date of shipment of the goods, on the condition that DARO USA, LLC will correct any such failure by either replacing or repairing any defective goods, at DARO USA, LLC's option. The preceding paragraph sets forth the exclusive remedy for all claims based on failure of or defect in the goods sold hereunder, whether such failure or defect arises before or during the warranty period and whether a claim, however instituted, is based on contract, indemnity, warranty, tort (including negligence), strict liability or otherwise. The forgoing warranty is exclusive and is in lieu of all other warranties whether written, oral, implied or statutory.

## Double prime all wood substrates with DAROTopp® MPP NEAT.

Spread to ensure the entire surface is covered with a thin, even film, avoiding puddling. If material puddles, spread uniformly across substrate. Ensure the first coat of primer dries completely prior to installing the second coat of primer.

### Dry Time

Ambient conditions (temperature, humidity, air movement) will impact dry time. Universal Primer typically dries in 60 minutes to 120 minutes. Roll out to a uniform film with no ridges or primer build. Areas must be re-primed if more than 48 hours passes since Primer DAROTopp® MPP application, or in the case of contamination by dust or foreign material.



*Published technical data and instructions are subject to change without notice.  
Please contact DARO Flooring System USA LLC for the most current technical data, safety data and application instructions.*