

### PRODUCT DATA

#### 1. PRODUCT NAME

Dramatic Surface Products™  
DSP™ 500 Primer

#### 2. MANUFACTURER

H.B. Fuller Construction Products Inc.  
1105 South Frontenac Street  
Aurora, IL 60504-6451 U.S.A.  
800.323.7407 Office  
800.952.2368 Fax  
www.DramaticSurfaceProducts.com

#### 3. DESCRIPTION

DSP 500 is an acrylic latex based primer for use with Dramatic Surface Products underlayments. It is designed to improve the adhesion and bond strength of Dramatic Surface Products underlayments to the subfloor.

#### Key Benefits and Features

- Multi-purpose - one primer for all substrates
- Easy to apply with brush, roller or broom
- Excellent bond to a wide variety of substrates
- No slurry coat needed over non-porous substrates
- Solvent-free, Zero VOC
- Contributes to LEED® project points

#### Packaging

One U.S. gallon jugs 8.4 LBS (3.8 KG) Product #70-5008-5011  
Five U.S. gallon pails 42 LBS (19.1 KG) Product #70-5008-1511

#### Recommended Substrates

DSP 500 Primer is suitable for use over the following clean and structurally sound surfaces: concrete cementitious backer units (CBU or cement board), gypsum substrates with a minimum tensile bond strength of 72 psi (0.5 MPa), oriented exterior grade plywood, oriented strand board (OSB), adhesive residue (except tacky or pressure-sensitive adhesive), cold-rolled steel, existing ceramic tile, VCT or non-cushioned vinyl sheet goods, **if they are single layer only and well bonded to a substrate approved for tile.** For specific recommendations on other substrates, please contact your Dramatic Surface Products representative.

#### Coverage

Substrates	Primer to Water Ratio	Coverage Rates (square feet per gallon)
Porous (Concrete/CBU/Gypsum)	1:3	410
Wood	3:1	250
Non-porous (Tile/Linoleum/Steel)	Primer Full Strength	140

Note: Two coats may be required for highly absorbent substrates. The second coat should be applied at 1:2 ratio.

#### Storage/Shelf Life

Store in a cool dry area away from direct sunlight. Keep from freezing. Maximum shelf life is one year from date of manufacture in unopened container.

#### Limitations

Do not apply when the air temperature is below 50°F (10°C) and the substrate temperature is below 43°F (6°C). Do not use in areas subject to hydrostatic pressure.  
Not for use as a sealer.

#### Cautions

Read complete cautionary information printed on product container prior to use. For medical emergency information, call 1-888-853-1758.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about guidelines for the proper use and application of the covered Dramatic Surface Products under normal environmental and working conditions. Because each project is different, H.B. Fuller Construction Products Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

#### 4. TECHNICAL DATA

DSP 500 Primer	
Physical State	Acrylic emulsion
Open Time	Varies with temperature and humidity
Color	White, dries clear
Odor	Nil
Viscosity	Thin, liquid
Wt. per U.S. Gallon	8.8 lbs. ± 0.1 lb.
Wt. per Liter	1.06 kg. ± 0.01 kg

# DSP™ 500

## Primer

### PRODUCT DATA

#### 5. INSTALLATION INSTRUCTIONS

##### Preparation of Surfaces

Clean substrate to eliminate dirt, dust, oil, grease or any other contaminants which may inhibit bond. Minimum tensile bond strength of 72 psi (0.5 MPa) is required. Weak or contaminated surfaces must be mechanically cleaned by shot blasting or scarifying. Refer to complete information on specific Dramatic Surface Products surface preparation product package.

Remediation of excessive moisture conditions must be addressed prior to the installation DSP 500 Primer. To reduce moisture vapor emissions to an acceptable level, use DSP 508 Moisture Mitigator (see product data sheet for details).

##### Instructions for Mixing

For best results, room and product should be kept at 50° to 70°F (10° to 21°C) for 24 hours before, during and 48 hours after application. Mix DSP 500 Primer in the ratios listed in the coverage chart.

##### How to Apply

DSP 500 Primer can be applied with a paintbrush, short nap paint roller or a soft bristled push broom. Apply an even, continuous coat and allow product to dry to a clear film. Avoid allowing primer to puddle.

##### To Clean

Clean up primer from tools while primer is still wet with warm, soapy water.

##### Drying Time

DSP 500 Primer dries to a clear film in approximately 1-3 hours. Colder temperatures and high humidity will increase dry time.

#### 6. AVAILABILITY AND COST

To locate a distributor in your area, please contact 800 - 621- 0220.

#### 7. WARRANTY

H.B. Fuller Construction Products Inc. (HBF-CP) offers a 5-year limited warranty on this product when installed in accordance with HBF-CP's printed specifications. Ask your sales associate or call 800-621-0220 for a copy of the limited warranty.

#### 8. MAINTENANCE

Not applicable.

#### 9. TECHNICAL SERVICES

Technical Assistance:  
Information is available by calling 800 - 621- 0220.

Technical and Safety Literature  
To acquire technical and safety literature:  
please call 800 - 621- 0220.

#### 10. FILING SYSTEM

Division 3 - Concrete  
Division 9 - Finishes

