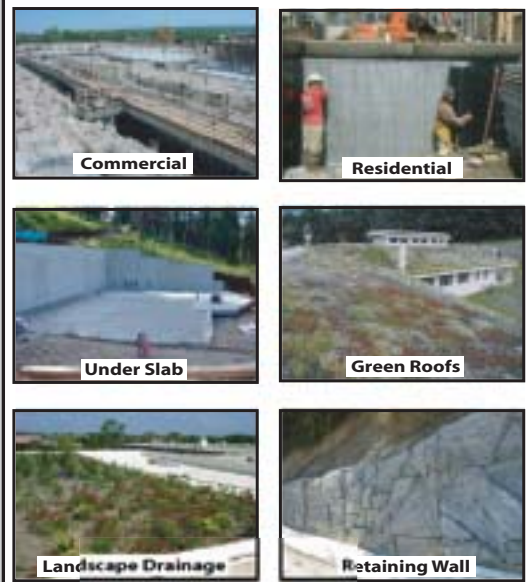
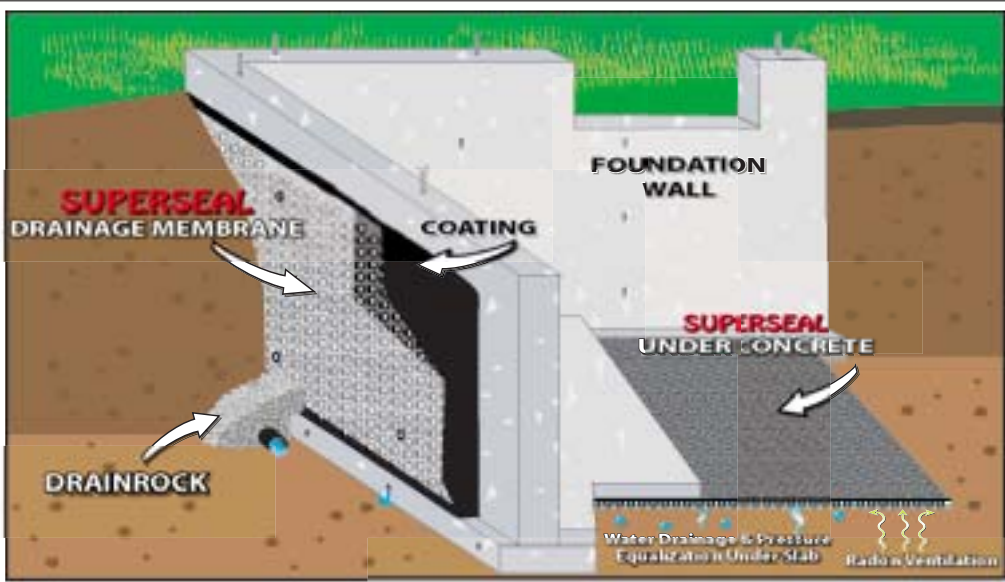








# COMPOSITE DRAINAGE MATS HEAT FUSED

**SUPERDRAIN Mats control water and drainage for above and below grade structures. Available in a variety of roll sizes for the world market.**



## BENEFITS

- 
**Geotextile Filter Layer**  
**SUPERDRAIN Mats** have a GeoTextile cloth layer heat fused to the dimpled sheet. They filter out dirt & sand particles providing a free flowing drainage system
- 
**Heat Fused**  
 Heat fusing permanently prevents the geotextile from delaminating and blocking the drainage path, as compared to other glued systems
- 
**Variety of Roll Sizes and Compressive Strengths**  
**SUPERDRAIN Mats** meet the most demanding requirements and are manufactured in a variety of compressive strengths and sizes for ease of use. 5,200 psf, 8,400 psf and 15,100 psf. 30,000 psf also avail upon request
- 
**High Flow Drainage**  
 The drainage path controls the flow of hydrostatic water pressure creating dryer, lighter soil loads reducing stress on walls, floors and roof structures
- 
**Ease of Use, Reduced Costs**  
**SUPERDRAIN Mats** come in a large variety of roll sizes to ensure easy installation, fewer seams and reduced labor costs
- 
**Protective Waterproof Barrier**  
**SUPERDRAIN Mats** are made from a tough long lasting plastic. They stop water penetration and protect liquid and self adhesive applied coatings

## APPLICATIONS

- Residential, commercial & industrial applications
- Foundation walls & parking decks
- Protection of waterproof coatings
- Green roofs & roof decks
- Landscaping, retaining walls & planter boxes
- Lagging walls, tunnels & bridge abutments
- Split Slabs, blind walls & under floor slabs on soils

	Part #	Roll Sizes
<b>SuperDrain 5200</b>	DS5267065	6'7 x 65.5' - 431ft <sup>2</sup>
	DS5280065	8'0 x 65.5' - 518ft <sup>2</sup>
<b>SuperDrain 8400</b>	DS8440050	4'0 x 50' - 200ft <sup>2</sup>
	DS8467050	6'7 x 50' - 330ft <sup>2</sup>
<b>SuperDrain 15,100</b>	DS1540050	4'0 x 50' - 200ft <sup>2</sup>
	DS1567050	6'7 x 50' - 330ft <sup>2</sup>

Tested to ASTM, CGSB & International Standards

Refer to SuperDrain Installation Instructions at [www.superseal.ca](http://www.superseal.ca)

PROPERTIES	<b>SUPERDRAIN 5200</b>	<b>SUPERDRAIN 8400</b>	<b>SUPERDRAIN 15,100</b>
Dimpled Sheet	High Density Polyethylene (HDPE)	High Density Polyethylene (HDPE)	Polypropylene (PP)
Geo Textile Cloth	Polypropylene (PP)	Non-Woven (PP)	Non-Woven (PP)
Compressive Strength	5,200 psf (250 kN/m <sup>2</sup> )	8,400 psf (400 kN/m <sup>2</sup> )	15,100 psf (725 kN/m <sup>2</sup> )
Bonding method for dimpled sheet to drainage mat	Heat Fused	Heat Fused	Heat Fused
Dimple Height	8mm 5/16"	10mm 0.39"	10mm 0.39"

AVAILABLE IN ADDITIONAL COMPRESSION STRENGTHS UP TO 30,000 psf



# SUPERSEAL

Construction Products Ltd.

Phone: 1-800-571-1877  
Fax: 604-576-2458

www.superseal.ca  
info@superseal.ca

## SUPERDRAIN 5200 Product Specification Sheet

Properties	Values
Dimpled Membrane	High-Density Polyethylene (HDPE)
Geotextile Cloth	Polypropylene (non woven)
Optional Slip Film	High-Density Polyethylene (HDPE)
Color - Dimpled Sheet	Black
- Optional Slip Film	Black
Thickness - Membrane	0.6 mm (24 mil)
Geotextile Cloth	136 g/m <sup>2</sup>
Optional Slip Film	0.04 mm (0.0016")
Area Weight (approx)	900 g/m <sup>2</sup>
Dimple Height	8 mm (5/16")
Dimple Spacing (approx)	1860 per m <sup>2</sup>
Air Gap Between Dimples	5.3 l/m <sup>2</sup>
Drainage Capacity (approx)	4.6 l/s/m 276 l/min/m 16,600 l/h/m 6.6 gal/min/ft
Geotextile Flow	2460 l/min/m 59 gal/min/ft
Compressive Strength	250 kN/m <sup>2</sup> (5200 psf)
Service Temperature Range	-40°C to +80°C
Physiological Properties	Can be ordered non-polluting for drinking water

The Dimpled Sheet is resistant to a wide range of chemicals, resistant to fungus and bacterial attack, impervious to root penetration and rot proof.

### Areas of Application

- Protection of waterproof coatings
- Civil and municipal drainage
- All types of foundation walls
- Retaining walls
- Drainage for landscaping
- Lagging walls
- Parking decks
- Patio terraces
- Tunnels and bridges
- Split slab construction
- Green roof applications
- Earth shelter applications

### Approvals & Standards

- |                |              |
|----------------|--------------|
| ASTM D 638-98  | ASTM 4632-91 |
| ASTM D 698-91  | ASTM 4751-99 |
| ASTM D 882-97  | ASTM 4833-88 |
| ASTM D 1557-91 | ASTM 5034-95 |
| ASTM D 1621-94 | ASTM 5035-95 |
| ASTM D 4533-91 | ASTM 5084-90 |
| ASTM D 4595-86 | ASTM 5101-96 |

### Part #

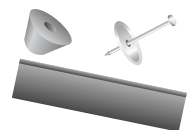
### Roll Sizes

### Accessories

- |           |  |
|-----------|--|
| DS5267065 | 6'7 x 65.5' - 431ft <sup>2</sup> - (2m x 20m)    |
| DS5280065 | 8'0 x 65.5' - 518ft <sup>2</sup> - (2.44m x 20m) |

**SUPERSEAL** Pin, Plug, Washer and Standard Molding

Used to fasten the membrane in place.





# SUPERSEAL

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## SUPERDRAIN 8400

### Product Specification Sheet

Properties	Values
Dimpled Membrane	High-Density Polyethylene (HDPE)
Geotextile Cloth	Polypropylene (non woven)
Slip Film	High-Density Polyethylene (HDPE)
Color - Dimpled Sheet	Black
- Slip Film	Black
Thickness - Membrane	0.6 mm (24 mil)
Geotextile Cloth	136 g/m <sup>2</sup>
Optional Slip Film	0.04 mm (0.0016")
Area Weight (approx)	900 g/m <sup>2</sup>
Dimple Height	10 mm (0.39")
Dimple Spacing (approx)	3360 per m <sup>2</sup>
Air Gap Between Dimples	7.9 l/m <sup>2</sup>
Drainage Capacity (approx)	4.8 l/s/m 288 l/min/m 17,300 l/h/m 7 gal/min/ft
Geotextile Flow	2460 l/min/m 59 gal/min/ft
Compressive Strength	400 kN/m <sup>2</sup> (8400 psf)
Service Temperature Range	- 40° C to + 80 C
Physiological Properties	Can be ordered non-polluting for drinking water

The Dimpled Sheet is resistant to a wide range of chemicals, resistant to fungus and bacterial attack, impervious to root penetration and rot proof.

#### Areas of Application

- Protection of waterproof coatings
- Civil and municipal drainage
- All types of foundation walls
- Retaining walls
- Drainage for landscaping
- Lagging walls
- Parking decks
- Patio terraces
- Tunnels and bridges
- Split slab construction
- Green roof applications
- Earth shelter applications

#### Approvals & Standards

- |                |              |
|----------------|--------------|
| ASTM D 638-98  | ASTM 4632-91 |
| ASTM D 698-91  | ASTM 4751-99 |
| ASTM D 882-97  | ASTM 4833-88 |
| ASTM D 1557-91 | ASTM 5034-95 |
| ASTM D 1621-94 | ASTM 5035-95 |
| ASTM D 4533-91 | ASTM 5084-90 |
| ASTM D 4595-86 | ASTM 5101-96 |

#### Part #

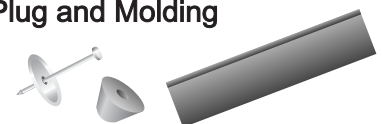
#### Roll Size

#### Accessories

DS8467041	6'7" x 41' - 269 ft <sup>2</sup> - (2 x 12.5m)
DS8440050	4'0" x 50' - 200ft <sup>2</sup> - (1.22 x 15.24m)
DS8467050	6'7" x 50' - 330ft <sup>2</sup> - (2 x 15.24m)

**Superseal** Pin, Washer, Plug and Molding

Used to fasten the membrane in place.





# SUPERSEAL

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info@superseal.ca

## SUPERDRAIN 15,100 Product Specification Sheet

Properties	Values
Dimpled Membrane Geotextile Cloth Slip Film (Optional)	High-Density Polypropylene (PP) Non Woven Polypropylene High-Density Polyethylene (HDPE)
Color - Dimpled Sheet - Slip Film	Black Black
Thickness - Membrane Geotextile Cloth Optional Slip Film	0.9 mm (.35 mil) 136 g/m <sup>2</sup> 0.04 mm (0.0016")
Area Weight (approx)	830 g/m <sup>2</sup>
Dimple Height	10 mm (0.39")
Dimple Spacing (approx)	3360 per m <sup>2</sup>
Air Gap Between Dimples	7.9 l/m <sup>2</sup>
Drainage Capacity (approx)	4.8 l/s/m 288 l/min/m 17,300 l/h/m 18 gal/min/ft
Geotextile Flow	5690 l/min/m 140 gal/min/ft
Compressive Strength	725 kN/m <sup>2</sup> (15,100 psf)
Service Temperature Range	- 40°C to + 80°C

The Dimpled Sheet is resistant to a wide range of chemicals, resistant to fungus and bacterial attack, impervious to root penetration and rot proof.

### Areas of Application

### Approvals & Standards

- Protection of waterproof coatings
- Civil and municipal drainage
- All types of foundation walls
- Retaining walls
- Drainage for landscaping
- Lagging walls
- Parking decks
- Patio terraces
- Tunnels and bridges
- Split slab construction
- Green roof applications
- Earth shelter applications

- |                |              |
|----------------|--------------|
| ASTM D 638-98  | ASTM 4632-91 |
| ASTM D 698-91  | ASTM 4751-99 |
| ASTM D 882-97  | ASTM 4833-88 |
| ASTM D 1557-91 | ASTM 5034-95 |
| ASTM D 1621-94 | ASTM 5035-95 |
| ASTM D 4533-91 | ASTM 5084-90 |
| ASTM D 4595-86 | ASTM 5101-96 |

### Part #

### Roll Size

### Accessories

DS1540050 4'0" x 50' - 200ft<sup>2</sup> - (1.22 x 15.24m)

DS1567050 6'7" x 50' - 330ft<sup>2</sup> - (2 x 15.24m)

**Superseal** Pin, Washer, Plug and Molding

Used to fasten the membrane in place.

