



SUPERSEAL Tunnel Drainage Product Specification Sheet

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September 01, 2010 - present

Part #	Roll Sizes
SD85431	6'7" x 65.5ft - 431 ft ² - (2.0 x 20m)

Properties	Values
Dimpled Membrane	High-Density Polyethylene (HDPE)
Color - Dimpled Sheet	Black
Thickness - Membrane	1.0mm (40 mil)
Area Weight (approx)	1000 g/m ²
Dimple Height	20 mm (0.79")
Dimple Spacing (approx)	400 per m ²
Air Gap Between Dimples	14 l/m ²
Drainage Capacity (approx)	10 l/s/m
	600 l/min/m
	36,000 l/h/m
	15 gal/min/ft
Compressive Strength	150 kN/m ² (3200 psf)
Service Temperature Range	-40° C to +80° C
Physiological Properties	Can be ordered non-polluting for drinking water

SUPERSEAL Tunnel Drainage is made from up to 80% recycled plastic and is;

- **IMPERVIOUS** to root penetration and rot proof.
- **RESISTANT to;** fungus and bacterial attack, concentrated acetic acid, alcoholic beverages, ammonia aqueous, diesel fuel, dishwashing soap, fruit juices, hydrofluoric acid up to 20%, Hydrofluoric acid up to 35%, laundry detergents, methanol, milk, motor oil, concentrated potassium hydroxide, silicone oil, soap solution - aqueous, concentrated sodium hydroxide, sulfuric acid up to 40%, vegetable oils & fats, cold water, hot water, saltwater.
- **CONDITIONALLY RESISTANT to;** acetone, benzene, ozone, gasoline (petrol) and toluene.

Areas of Application / Benefits

- Land bank stabilization and drainage in conjunction with shotcrete
- Lagging walls
- Tunnels
- Highway construction
- Underfloor slabs
- Subfloor applications
- Plaza decks
- Earth shelters
- Airports, runways
- Redirection of water influx to a collection system
- Permanent shuttering

SUPERSEAL warrants this product for a period of 20 years and is resistant to a wide range of chemicals, resistant to fungus and bacterial attack, impervious to root penetration and rot proof. In the event this product fails to meet these requirements, the said amount of material shall be supplied free of charge. There are no warranties beyond this expressed as stated above. **SUPERSEAL** assumes no responsibility for any other losses or damages, labour, materials, punitive, incidental or consequential or otherwise. Proof of purchase must be provided at time of claim.