



ENGINEERED
CUSTOM
COATINGS, LLC



ENGINEERED CUSTOM COATINGS, LLC
Finishes Unlimited | CCI |
Prime Coatings | Prime Leather Finishes
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Phone 262-691-1930 | Fax 262-691-3892

TECHNICAL DATA SHEET

All Defender Repellent Products

Defender Repellent is a factory-applied spray treatment with superior aqueous repellency properties, helping keep footwear looking good longer.

- Defender 1.0 is completely **Fluorocarbon (PFC) Free.**
- Durable protection from Water and Water based stains to make cleaning easier.
- Solvent-borne, medium viscosity liquid.
- Ideal for Suede, Nubuck, leather, textiles, canvas, and any absorptive materials.
- Intended to be sprayed with a HVLP (High Volume Low Pressure) Spray Gun.
 - 2.0mm Fluid Nozzle
 - 5-6cm Spray Width
 - Medium Volume
 - **10-15** PSI Air Pressure
- When spraying Defender Repellent® Chemicals personal protective equipment including nitrile or latex gloves, a respirator and a spray booth in a well-ventilated area are required.
- Please consult with a PLF Representative for Standard Operating Procedure and Testing Procedures.

Minimum Performance Standards

Static Water & Oil Repellency:

AATCC 193 - H2O: 3

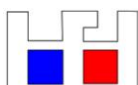
AATCC 118 - OIL: 0

Dynamic Water Repellency:

ISO 4920: 3

AATCC 22: 80

Typical Physical Properties	
Properties	Typical Values
Appearance:	Clear
Color:	Clear Liquid
Density:	5.87 lb/gal
Shipping & Storage:	Information on handling and storage, ecological and toxicological behavior is contained in the safety data sheet. These specified indications should be followed.
Shelf Life:	3 Years from date of manufacture



Finishes Unlimited, Inc.
Environmentally Compliant Coatings



EST. 1965



PRIME LEATHER
FINISHES
EST. 1931