



2870 CRESTWOOD BLVD. STE B
IRONDALE, AL 35210
205-857-0040



DEFENDER

DEFENDER CT200

TECHNICAL DATA SHEET

DESCRIPTION

Defender CT200 is a fast set, rapid curing, 100% solids, flexible, two component spray modified aromatic polyurea liner system that can be applied to suitably prepared concrete, fiberglass, wood and metal surfaces. Its extremely fast gel time makes it suitable for small spray jobs, hard to reach places, and repairs. Supplied in cartridges for use with hand-held pneumatic spray dispenser.

FEATURES

- 100% Solids
- Chemical Resistant
- Low Temperature Flexibility
- Tough and Elastomeric
- High Build
- Abrasion and Impact Resistant

TYPICAL USES

- New Truck Beds
- Used Truck Beds
- Construction Equipment
- Recreational Vehicles
- Marine
- Hunting or Off-Road Vehicles
- Bumpers
- Boat Decks

PACKAGING

Sold per case: 1 case includes 6 A-Side and 6 B-Side cartridges (1:1 system)

750 ML Side-A Cartridge (Isocyanate side) and 750ML Side-B Cartridge (Resin side)

COLORS

Standard colors are: Black, Blue, Red, Green, Yellow, Battleship Gray, Dolphin Gray, Indian Sand, Tan and Brown. Custom colors are available upon request for additional fee. Due to its aromatic composition, Defender CT200 will tend to yellow or fade in color and will become flat after exposure to UV light. Defender CT200 may be top-coated within six-twelve hours of application with an aliphatic polyurethane/polyurea coating for a colorfast finish.



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BASED ON DRAW DOWN FILM

Mix Ratio by Volume	1A: 1B
Tack Free Time @ 150 mils	30-45 seconds
Recoat Time	6-12 hours

*These physical properties from sample sprayed with Pneumatic Spray Gun sold by UMI Coatings after bringing cartridges to temperature of 75°F and spraying at required low pressures.

COVERAGE

Theoretical coverage per gallon is 1600 sq. ft. at 1 mil.

SURFACE PREPARATION

In general, coating performance and adhesion are directly proportional to surface preparation. All surfaces must be free of dust, dirt, oil, grease, rust, corrosion and other contaminants. When coating substrates previously used, it is important to consider the possibility of substrate absorption, which may affect the adhesion of the coating system, regardless of the surface preparation. UMI Coatings recognizes the potential for unique substrates from one project to another. The following information is for general reference, and for project specific questions, contact UMI Coatings.

Pick-Up Truck: Sanding and scuffing of the original paint finish is required to obtain a permanent bond of the spray-on liner to the Pick-up truck bed. After the vehicle is masked with paper and the surface has been thoroughly cleaned, sand the surface using 40 grit sanding discs on an auto-body disc arbor. In areas that cannot be accessed by power tool, surface preparation can be completed by hand using 80 or 100 grit sandpaper or a coarse scuffing pad such as scotch brite. Take care that all edges at tape lines are well scuffed and sanded. After sanding and scuffing, the surface must be cleaned and dust free.

Reach out to UMI Coating representatives for details on other substrates.

APPLICATION

Cartridges should be preconditioned to 75-82°F before application.

DFDR-CT-200 should be applied using a plural component, low pressure hand-held pneumatic spray dispenser.



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STORAGE

Cartridges are recommended to be stored above 60°F (15°C). Avoid freezing temperatures. Store cases on wooden pallets to avoid direct contact with the ground. If stored for a long period of time, ensure cartridges are shaken well prior to use. No Warranty.

LIMITATIONS

Due to its aromatic composition, DFDR CT-200 will tend to yellow or darken in color after exposure to UV light.

Warning: This product contains Isocyanates and Curative Material.

DISCLAIMER

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy themselves, by their own information and test, to determine suitability of the product for their own intended use, application and job situation and user assumes all risk and liability resulting from their use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and UMI Coatings makes no claim that these tests or any other tests, accurately represent all environments.