

Technical Data Sheet

NCP-205 CERAMAXX HPDR (High Performance Drag Reduction) Nano-Ceramic Clear

(For exterior or interior use)

NCP-205 is a high performance • single component • ambient air cure • Hydrophobic product • creates a covalent bond to the substrate creating an intrinsic bond to the wood fibers • is an inert material when cured • will not contaminate surrounding environments • has extreme hydrophobic properties making it an ideal water repellant surface coating • is “odor free” once the coating has cured • creates a “high-quality Oil-Rubbed Look” • has extreme UV resistance • and chemical resistance • soaks in – not just on the surface

NCP-205 Properties:

- Color _____ Clear
- Viscosity _____ 16-18 sec. #2 Zahn
- Percent of Solids _____ 18
- Odor (liquid) _____ Slight Solvent
- Odor (cured) _____ None
- V.O.C. _____ Exempt per CFR 51.1 / regulation 8
- RoHS _____ Compliant
- REACH _____ Compliant
- Halogens _____ None
- Thermal Stability (cured) _____ 1200°F + (648.8°C)
- Conical Bond (1/8 inch mandrel) _____ Passed (ASTM D522-93a)
- Cross cut adhesion _____ 5B (ASTM D3359)
- Coefficient of Friction _____ 0.015μ (ASTM D2047)
- Specific Gravity _____ 0.889 (ASTM D891-09)
- Pencil Hardness _____ 8h (ASTM D3363)
- Average applied dry film thickness _____ 2 to 5 microns
- Estimated Coverage Rate(@ 3 microns) _____ 4,200 sq./ft. per gallon**
(** will vary depending on wood type)
- Transfer to surrounding material _____ Zero (0) transfer of contaminants
- Dry to Touch (time @ambient) _____ 15 – 25 minutes* (average)
(*a warm airflow will reduce time required to reach “Dry to the Touch”)
- Ambient cure (full properties) _____ 5 days

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