

Nano Corrosion Passivator Product Matrix

	Application	Comp	Applica tion temp °C	Operational temp °C / Peak temp °C	Prepwork	Spread	WFT* thickne ss require d	Application **	Suitable for	Fully cured in	Lifetime coating outdoor/ indoor	Stock time at °C	Colours available
Fluid	Direct-Over-Rust nano based corrosion passivator suited for floating and all applications in tanks, booms, voids, hollow constructions, rudders. Bonds in metal.	1	max 75°C	120°C / max 260°C	None.	1l/m ³	500 micron	Brush, Roller, Spraying, Floating	All metals	12h	15Y/>25Y	Infinite at 4 to 50°C	Transparent
Touch-Up	Direct-Over-Rust polymer based corrosion and metal passivator suited for all applications (no floating) on metals with an extreme undermining and high penetration rate. Excellent for temporary touch-ups.	1	max 75°C	120°C / max 150°C	No rust removal, but free of grease.	15m ² /l	90 micron	Brush, Roller, Spraying,	All metals	12h	15Y/>25Y	1Y at 4 to 30°C	Transparent
Primer	Direct-Over-Rust sol-gel based corrosion and metal passivator primer. Excellent for touch-ups indoor or underlayment for regular paint.	1	max 75°C	120°C / max 260°C	Needs moist and corroded surface free of grease.	25m ² /l	15 micron	Brush, Roller, Spraying,	All metals	12h	15Y/>25Y	6M at 5 to 25°C	Transparent
Cold Alloy	Cold Alloy nanotechnique replacing galvanization or zinc process, converts top layer into passivated metal. Extreme heat and abrasion resistant. Use as primer or underlayment. Extreme low spread ratio.	2 Hybrid	max 75°C	1200°C / max 1500°C	New blank metal or Blasted Sa2.5 free of contaminants, or use NCP Primer.	33m ² /kg	15 micron	Brush, Roller, Spraying,	All metals	24h	20Y/>25Y	6M at 5 to 35°C	Silver
High Chemical Resistant HCR	Extreme tough Siloxan Epoxy technique that is highly chemical resistant against the real ugly chemicals. In layered system with NCP Primer/NCP Cold Alloy and then HCR finish unbeatable for corrosion for more than 25 years.	2 Hybrid	max 75°C	120°C / max 260°C	New blank metal or Blasted Sa2.5 free of contaminants, or use NCP Primer.	3,8m ² up to 7,7m ² /kg	130 up to 260 micron	Brush, Roller, Spraying,	All metals	24 h	20Y/>25Y	6M at 5 to 35°C	Red, White

Version Jan 2019-R.

*WFT: Wet Film Thickness **Application: Use of a spraygun gives optimal performance. Application by brush, roller or knife will reduce performance.