

# AT 6500 - CORROSION PROTECTION COATING

## NANO-CERAMIC COATING

## TECHNICAL DATA SHEET

AT-6500 Corrosion Protection Coating is a unique high-performance, two-component protective coating that offers unparalleled corrosion and fire protection for a wide variety of applications. AT-6500 is incredibly tough and has been specifically formulated to perform in extreme and abrasive environments that would quickly destroy conventional protective paints. The outstanding chemical, abrasion and under film corrosion creep resistance characteristics of this coating make it the most cost effective method to prevent corrosion. AT-6500 has superior adhesion properties to almost any substrate. It is effective in both wet and dry conditions. Coated materials may be submersed in water. AT-6500 is Class A fire rated (ASTM E108-91A UBC32-7).

Proudly manufactured in the USA.

### Technical Data

<b>Salt Fog Test (ASTM B117)</b>	Passed (5 Hour)
<b>Hardness (ASTM D-2240)</b>	97 Shore Durometer
<b>Fire Rating (ASTM E108-91A UBC 32-7)</b>	Class A Fire Rated
<b>Tensile Strength (ASTM D-638)</b>	3850 psi
<b>Water Vapor Transmission (ASTM E-96)</b>	0.372 perms
<b>Accelerated Weathering Test (ASTM G-53)</b>	500 Hour - "Bent double with no cracking, remained highly flexible"
<b>Cryogenic Conditions (ASTM 1640, D-92, D-1644A, D-2196, D-696, D-570, C-836, D-1652, D-1259)</b>	"Flexibility was retained in sub-zero conditions down to -92°F"

### Key Performance Properties

- Best in class anti-corrosion performance.
- Class A fire rated (ASTM E108-91A UBC32-7).
- Excellent chemical and abrasion resistance. Extremely durable wear surface.
- Effective in both wet and dry conditions. Coated materials may be submersed in water.
- Coating will adhere to almost any clean surface including aluminum, wood, metals of all types, concrete, plastic, brick, and glass.
- May be applied to rusty metal surfaces with minimal preparation work.
- Superior adhesion properties create a nearly indestructible coating surface.
- Particularly effective for applications such as hot steam pipes that are subject to considerable expansion and contraction over time. AT-6500 is flexible enough to eliminate film cracking in almost any conditions.
- Contains no zinc, lead or chromates.
- Easy to apply by brush, roller, spray or dripping.
- Coating may be applied on wet or dry substrates
- No top coat is necessary.

### Common Applications

- O&G pipelines (internal and external)
- Industrial pipes
- Offshore platforms
- Structural steel
- Welding repair
- Scaffolds
- Automobiles
- Truck beds
- Industrial and farm equipment

### Application Image

