



## Nordic Chem – Antimicrobial Coating

Nordic Chem Antimicrobial is suitable for a wide range of surfaces, including porous surfaces such as textile, and non porous surfaces such as metals and plastics. The product's strong bond to the surface ensures a lasting hold and provides a “broad spectrum” termination that neutralizes a range of gram-positive and gram-negative bacteria, viruses as well as fungi, algae, mold, yeast and spores. In effect, Nordic Chem provides an inhospitable surface for pathogens to live or grow on. The active ingredient in the coating is ECHA (European Chemicals agency) registered and compliant. The coating can be applied to and bonds with almost any surface – porous or Non-porous, metal, leather, fabric etc.

### NORDIC CHEM – ANTIMICROBIAL COATING SPECIFICATIONS:

Air Cure	Surface dry 45 min at room temperature
Full Dry	90 min to completely bond at room temperature
Thermal Cure	130 C/ 30 minutes 200 C / 10 minutes
Applicable Materials	Metals, Stone, Woods, Glass, Vinyl, Plastics, Textiles
Standard consumption fogging (non Porous)	25ml/m <sup>2</sup>
Standard consumption electrostatic sprayer (non Porous)	20ml/m <sup>2</sup>
Standard consumption fogging (Porous)	45ml/m <sup>2</sup>
Standard consumption electrostatic sprayer (Porous)	40ml/m <sup>2</sup>
Standard consumption spray and wipe (non Porous)	7ml/m <sup>2</sup>

## PRODUCT ATTRIBUTES:

### Temperature

Once fully bonded our coating provides protection in the most extreme of conditions, ranging from -20 to 120 degrees Celsius.

### Chemical Resistance

Our coating provides chemical resistance to cleaning products and once bonded can only be removed through abrasion.

### Oxidation & Corrosion Resistant

Nordic Chem creates a durable layer of protection that protects paint that can withstand moderate corrosion and oxidation.

### Flexibility

Nordic Chem is flexible in a way that doesn't compromise performance, this means that it can be applied to surfaces that are known to expand and contract.

NORDIC  
CHEM



## **INSTRUCTIONS FOR APPLYING NORDIC CHEM – ANTIMICROBIAL COATING**

DO NOT APPLY IN WET WEATHER CONDITIONS

The dilution ratio is 1:4. 5L of concentrate will dilute to 25L RTU.

For best results apply during temperatures between 50 to 90 degrees F in a well shaded area.

**NOTE: Within 45 minutes the surface should be completely dry, and within 90 minutes fully bonded at room temperature.**

### **STEP 1: PREP**

- a) Clean surface as normal and remove any previous coating and or protection.
- b) Surface must be clean and dry to the touch

### **STEP 2: APPLYING NORDIC CHEM**

#### **SPRAY -**

Nordic Chem - Antimicrobial Coating may be sprayed by an electrostatic sprayer at either 20 or 40 microns to any given surface.

- a) The environment must be dust free and free of any contaminants - otherwise this will create issues with the coating bonding properly.
- b) Buff and level the surface only if large residue droplets beyond the micron level sprayed is evident.

#### **FOG -**

- a) Apply using a fogging machine between 20 and 40 microns.
- b) Buff and level the surface only if large residue droplets beyond the micron level sprayed is evident.

#### **WIPING ON -**

- a) Spray the coating on the surface and remove excess product with a microfibre towel.

**IMPORTANT NOTE:** When wiping excessively the coating after spraying, one can remove the coating completely.

#### **SAFETY & HANDLING-**

- a) Refer to the Safety data sheet for further information.

