

# Protect exterior and urban elements with the range **TECNADIS MULTICOAT**

## WHAT IT IS

**TECNADIS MULTICOAT** is a range of **protective nano coatings**, based on dispersions of ceramic nanoparticles, with non-stick, anti-corrosion and high hardness properties, available in different finishes. They prevent the deterioration of surfaces, either due to exposure to the elements (water, ice, humidity, rust, saltpetre, corrosion, UV radiation...), or that caused by human action (oils, grease, graffiti, scratches, stickers, urine...).

## APPLICATIONS

### LIGHTING:

- Columns, poles and lighting arms, LED strips, casings, diffusers, electrical panels, illuminated signs, etc.

### URBAN FURNITURE:

- Benches, litter bins, bike or motorcycle parking lots, playgrounds, public toilets, sculptures, canopies, mupis, billboards, parking meters, etc.

### OTHER ELEMENTS:

- Railings, doors, signals, trains, wagons, metallic structures, facades, lifting platforms, etc.

## FEATURES

- ✓ **High protection** againsts graffiti, urine and adhesives.
- ✓ High resistance to corrosion: **C4**.
- ✓ Easy **cleaning and maintenance**.
- ✓ High **hardness**, 9H (ISO 15184).
- ✓ Great **adhesion**, 0 (ISO 2409) / 5B (ASTM D3359).
- ✓ **High resistance** to scratching, solvents and cleaning products.
- ✓ Easy **application** by spraying.
- ✓ High resistance to **UV radiation**.
- ✓ **Room temperature curing**: 1-2 weeks; or in **oven**: 1 hour at 120-130°C.
- ✓ High **durability**.

## PRODUCT RANGE

- TECNADIS MULTICOAT CLASSIC** is a **colourless non-stick** ceramic nano protector that provides gloss and hardness, as well as facilitating surface cleaning. It has been designed to be applied to metallic, ceramic, plastic or painted surfaces.
- TECNADIS MULTICOAT ULTRAKER** is a **non-stick** ceramic nano protector that provides hardness, as well as facilitating surface cleaning. This product is available in **different colours**, such as black or forge grey, among others, and can be applied to metals, ceramics and other surfaces.
- TECNADIS MULTICOAT ANTICORROSION (Primer & Finish)** are two **anti-corrosion** ceramic nano protectors for metals exposed to C4 (highly aggressive) environments. This protection provides a **metallic grey** colour and can be applied directly to slightly oxidised surfaces. The difference between them is explained below:
  - Tecnadis Multicoat Anticorrosion (**Primer**): It is used as an anticorrosive primer in a solution made up of several layers of coatings.
  - Tecnadis Multicoat Anticorrosion (**Finish**): It is used as a last coat, without the need of primer application. In addition to protecting against corrosion, it provides non-stick properties.

PRODUCT	COLOUR	NON-STICK	ANTICORROSION	THICKNESS (µm)	YIELD (m <sup>2</sup> /l)
1. CLASSIC	Colourless	✓	✓	2-10	10-15
2. ULTRAKER	Several finishes	✓	✓	10-20	10-15
3.1. PRIMER	Metallic grey	✗	✓ ✓ C4	20-30	8-10
3.2. FINISH	Metallic grey	✓	✓ ✓ C4	20-30	8-10



## HOW TO USE

- Remove any trace of dirt, oxidation or corrosion.**
- Clean and degrease.** The surface to be protected must be completely clean and dry before application.
- Application:** Spray evenly over the surface until the desired finish is achieved. It is recommended to apply the product by means of a compressed air or electric gun, airless type, or automated systems.
- Dry-to-touch:** 4 hours. Good performance after 24 hours.
- Full curing:** 1-2 weeks. It is also possible to cure it completely in the **oven**: 120-130°C for 1 hour.

## FORMATS

All products are available in 400 ml aerosol and in bulk, in 1L bottles or 5L jerry cans.

