



The Unique Fence Coating System

Northpoint provide high performance powder organic coatings direct to galvanised steel components for fencing OEM's and contractors.

All zinc-coated components are pre-treated through an on-line chemical multi stage process, prior to application of a polyester powder coating which meets the requirements of BS EN 13438 : 2005 [formerly BS 6497].

The system

1. Hot alkaline degrease to remove surface oils and grease.
2. Acid etch to remove light oxides where present.
3. Zinc phosphate conversion coat, provides an inert surface for the powder coating to adhere to.
4. Chromate conditioning provides a final seal for the conversion coating.
5. Demineralised water rinse providing an ultra clean surface prior to the powder coating application.
6. Degassing which minimises the incidence of pinholes in the finished powder coating.
7. Powder organic polyester resin coating, the final colour coat.

Features of the Northpoint Coating System

- Up to 25 years life expectancy.
- Installation damage limited avoiding unsightly repairs and delays in installation time.
- Assured quality to BS EN 13438 : 2005 [& BS 1722 Pt 16 : 1992 where required] meeting the requirements of most Architectural Standards for coating.
- Wide range of colours in varying gloss levels.
- Consistency of quality provided by the state the art PLC controlled plant.
- Does not soften at high temperatures or chip at low temperatures.
- Resistant to ultra-violet induced colour and gloss change.
- Long-term adhesion retention.
- Resistant to environmental pollution.
- Resists sub-corrosion from damage points.
- Graffiti easily removed.
- Excellent impact resistance and flexibility.
- Low maintenance system.

Care Procedures for Extended Life

There are no surface coatings for a system suited to external fencing which requires no attention at all. However, the Northpoint system requires only minimal care to guarantee the extended life of the fence.

After installation the following guidelines should be followed to protect the long-term good looks of the fence:

Repairs

Minor damage metal not exposed:

- The damage should be cleaned carefully ensuring that there is no damage to the pre-treatment.
- Remove any loose particles.
- Apply colour matched repair material to the same thickness as the factory applied coating.

Repair where metal exposed:

- Clean the damaged area and remove loose particles.
- Apply primer to exposed metal [2-pack etch].
- Apply colour matched repair material to the same thickness as the factory applied coating.

Cleaning

It is recommended that cleaning should be carried out at around 6 month intervals for best results. Areas or components exposed to high levels of pollution should be cleaned more frequently.

Most dirt and soils can be removed with dilute household detergents not containing solvents or abrasives.

Graffiti Removal

Most marker pen graffiti can be removed by careful use of benzine, turpentine or in resistant cases methylethylketone [MEK]. When using MEK do not rub more than 4 to 5 times over the surface. Cleaning should be followed by waxing [Jotun Norpol Wax W70].