



Future Coat Technology

Anti - Tarnish 2050

TECHINICAL INFORMATION

The AT 2050 is a special product with a long-term effect on all metal surfaces. This is a sealer that forms a barrier on metal surfaces. An ultra-thin and invisible coating is applied. The hydrophobic product works by repelling water and prevents adherence of foreign mater on the surface (**Easy to Clean/Self-Cleaning effect**). Due to the hydrophobic treatment effect, dirt particles cannot penetrate the matrix of the surface. The nano-particles adhere directly to the substrate molecules, deflecting any foreign matter. Water runs off easily from the treated surface and dirt particles are washed off by rain or when rinsed with water.

The AT 2050 is UV stable and cannot be removed with high pressure equipment, water or cleaning agent. AT 2050 guarantees that metal keeps it's original finishing. Surface treated with AT 2050 is very easy to maintain. There is a range of applications of AT 2050 on multi metals. In situations where there is no water or rain, the product will provide protection and easy to clean surface.

Properties of AT 2050 coating:

Water-repelling

Dirt-deflecting

Easy to clean

Oxidation production

Tarnish protections

UV-weather-resistant

Long-lasting

Setup

350 Gms of AT 2050 with a 650 Gms of water.

Working conditions:

Applying AT 2050:- it is to be noted that older surfaces must be thoroughly cleaned with water jet or steam cleaned. The substrate must be completely dry before application.

Cleaned metal must be neutralized before one applies AT 2050 it is important that there are no residues from the cleaner itself on the prepared surface.

Important: - The AT 2050 solution should not be visible after the final polish. After 24 hours the optimal protective effect is reached however the treated surface is rainproof after 1 hour AT 2050 can be sprayed on with special professional spraying devices.

The application is made by dip-spin procedure with dilution.

Dipping Time	:	10 – 20 sec
Afterward	:	Spin-dry
Baking Temperature	:	150 ⁰ C – 160 ⁰ C
Baking Time	:	20 – 30 minutes
p ^H	:	8.5 – 9.5 (p ^H should be maintained by Adding 25% Ammonia Solution)

Productivity:-

With 1 kg AT 2050 approx 15 – 30m² can be coated

Duration of Storage:-

AT 2050 can be stored in the original sealed packing for at least 12 months.

Storage conditions should be dry and warm (between 20⁰ C and 30⁰ C)

After opening the container TJ2050 should be used quickly.