

## INTRODUCTION

---

**PRO-PRIME 203** is an epoxy anti-corrosive primer. Other than its high inhibitive load, it also contains ion arresting silicas.

## USE

---

- (a) Protection of metals: Steel, galvanized steel, stainless steel, aluminum.
- (b) Galvanic corrosion barrier between dissimilar metals and between stainless steel and carbon.

## FEATURES

---

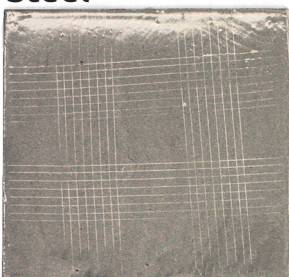
- Heavy metal and chromate free,
- High inhibitor load,
- 2-to-1 by volume,
- fast curing,
- for use above and below the waterline,
- colours: Off-white, grey, light blue, light green.

## ADHESION TEST

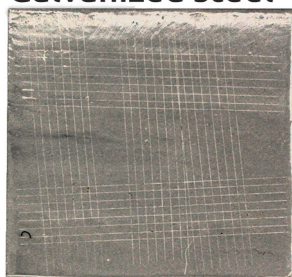
---

The Cross hatch test is carried out in accordance to ISO 2409 / ASTM D 3359 on various metals. The procedure is as follows: One coat of PRO-PRIME 203 is rolled on the tabs. After 48 hours at 25° C, we use a special tool to cut a right angle lattice pattern onto the coating reaching the substrate. A high strength tape is pressed on to the pattern in order to develop a good bond. The tape is removed forcefully and the test plates are graded according to the number of squares that have been removed by this process:

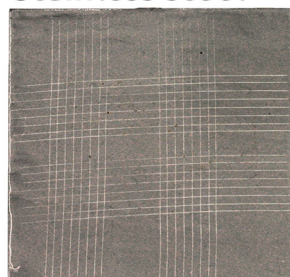
**Steel**



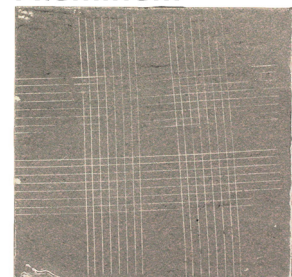
**Galvanized steel**



**Stainless steel**



**Aluminum**

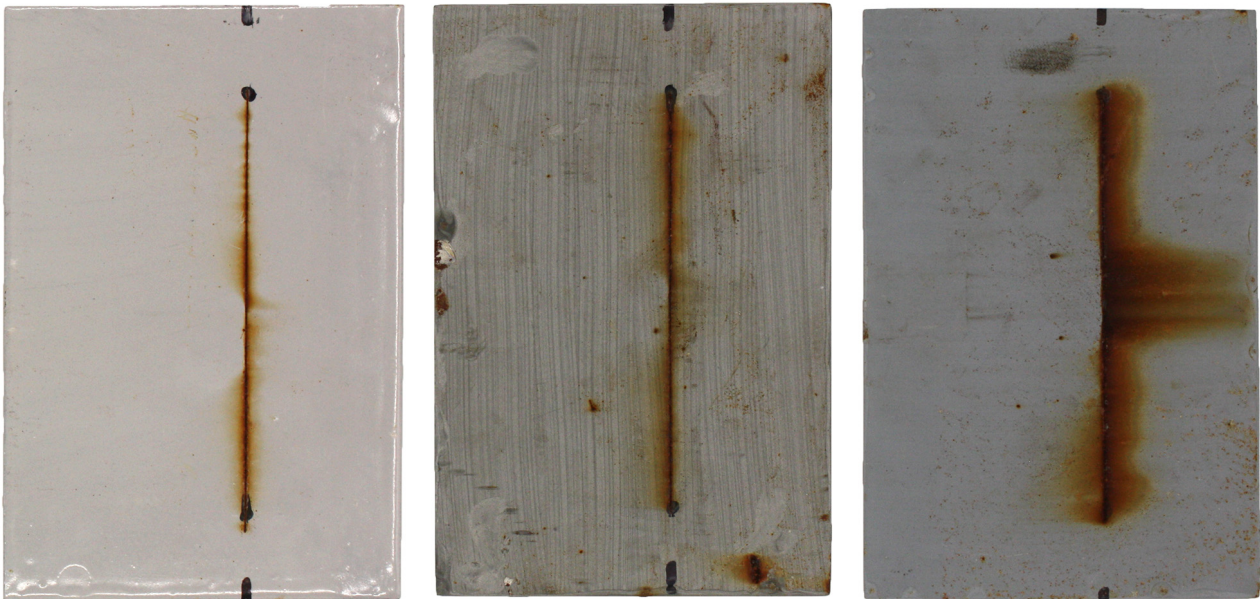


Result: GT0 (ISO 2409) / 5B (ASTM D 3359), zero detachments.

## CORROSION RESISTANCE

Here we present a common comparative qualitative test between PRO-PRIME 203 and two competitor primers. The test plates are again rolled with one coat of each primer and, after 48 hours at 25° C, a straight line is carved on each plate. They are then dipped into saltwater (3.5% NaCl) for 10 days. Finally, a visual inspection is carried out in order to grade each plate according to the coating's ability to limit the spread of corrosion.

### PRO-PRIME 203



Result: PRO-PRIME 203 fares very well compared to the two competitor primers.

The information provided in this Technical Data Sheet is to be used as a guideline only. It represents no warranty of any kind. None of the information, instructions and specifications, published by Navic, in writing or in any other form, are to be considered as binding in any way or towards any parties, nor do they relieve interested parties from subjecting the product to an adequate examination of its suitability. In no case will Navic be held responsible for any damage of any nature resulting from the use of or reliance upon information or the product to which information refers. Navic reserves the right to change at any time the properties of its products. Please refer to the latest version of our Technical Data Sheet available on our website, [navic-chemicals.com](http://navic-chemicals.com).