

## SISTEMA TRIPLEX®

### Technical data

|                                       |                                                                                                                         |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Anti-corrosion system                 | Hot Dip Galvanizing EN ISO 1461, zinc bath class 1 in accord to EUR 24286 EN (Liquid Metal Assisted Cracking)           |
| mechanical brushing after galvanizing | on request                                                                                                              |
| Surface treatments                    | ceramic nanotechnology                                                                                                  |
| Aesthetic Layer                       | Powder coating EN ISO 13438                                                                                             |
| Powder coating product                | Polyester Qualicoat 1 or higher, other product on request                                                               |
| Film thickness                        | ≥ 70 micron                                                                                                             |
| Powder coating film Durability [1]    | > 15 years EN ISO 12944                                                                                                 |
| Total System Durability [1]           | > 100 years [2]                                                                                                         |
| Colour retention                      | Excellent for 10 years with a slight loss of gloss [3] / higher performance on request                                  |
| Exterior Atmosphere                   | C1 (indoor) / C2 (natural areas) / C3 (urban) / C4 (industrial) C5I-M (heavy industrial / coastal areas) on request [4] |
| Environmental Sustainability          | Life Cycle Assessment LCA<br>Environmental Product Declaration EPD<br>Made in EMAS registered site                      |
| VOC                                   | none                                                                                                                    |
| Maximum Dimensions Admissible         | 13.000 x 2.800 x 200 mm<br>13.000 x 2.500 x 1.600 mm                                                                    |
| Maximum Weight Admissible             | 2.000 kg                                                                                                                |

[1] exterior atmosphere C3 (urban areas) EN ISO 12944

[2] 1% of surface rusted (*SISTEMA TRIPLEX® Life Cycle Assessment LCA*)

[3] ISO 2810, 12 Months Florida 5°S

[4] for C4-H, C5I, C5M areas contact our technical office

#### NORD ZINC S.R.L.

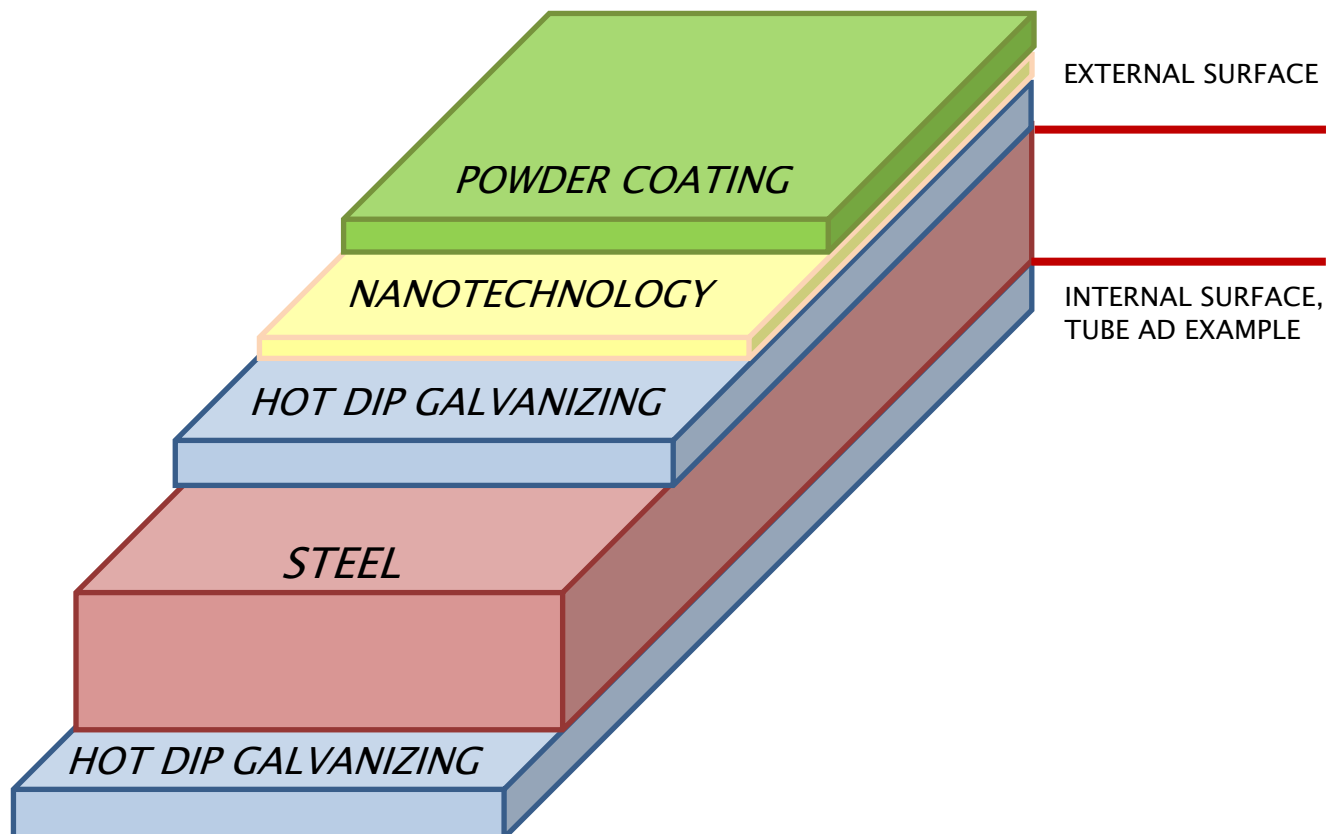
Via Industriale, 7 | 25020 San Gervasio Bresciano (BS) | ITALY

Tel 030.99.26.000 | Fax 030.99.26.280 | [www.nordzinc.com](http://www.nordzinc.com)

Ischr. Reg.Impr. e P.I.: 01983230986 | REA: BS - 0399877

Capitale Sociale: € 1.560.000,00 i.v.

## STRATIGRAPHY OF THE PROTECTION SYSTEM



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