

# Powerage

Hi-protection finish



**High corrosion resistance**

**As bright as ever, after prolonged ultraviolet ray exposure**



**RESEARCH**

Following collaboration with university research institutes, and with technology developed by one of the major paint producers worldwide – the new **Powerage** finish.

**PERFORMANCE**

Workshop tests carried out at institutes specialised in research into the protection of materials provide excellent results for **resistance in salt spray test, resistance to humidity and resistance to ageing.**

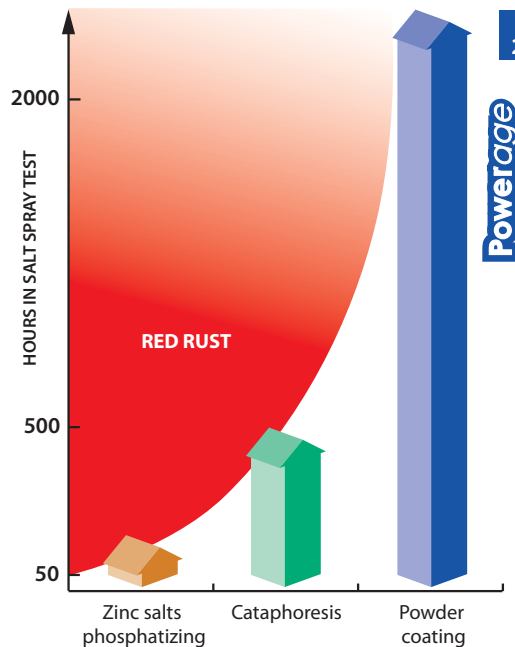
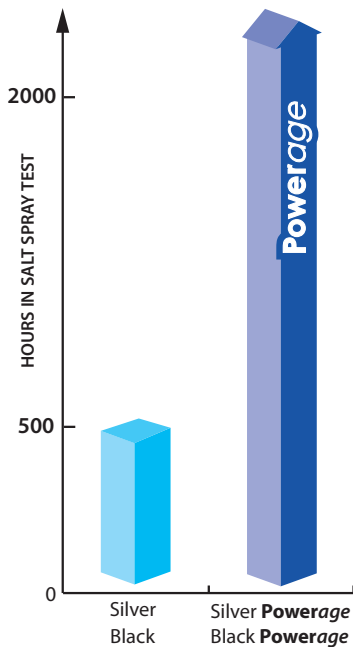
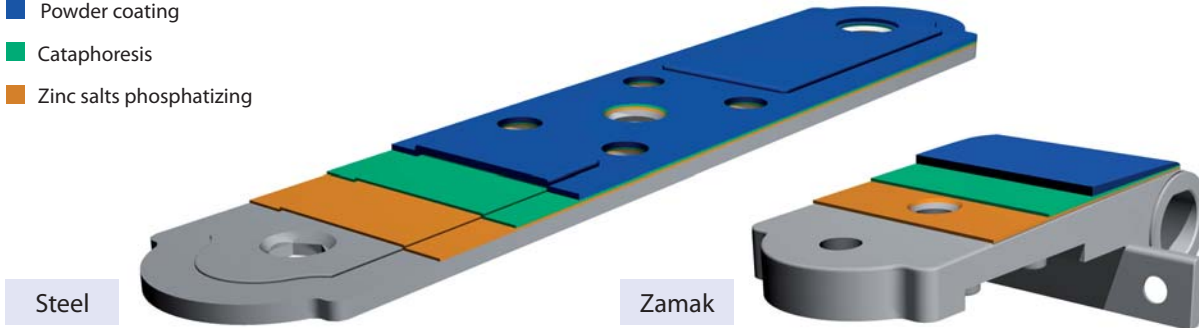
**TOP PRODUCT MASS-PRODUCED**

**Powerage** goes into mass production for all products for shutters with Silver and Black finish.

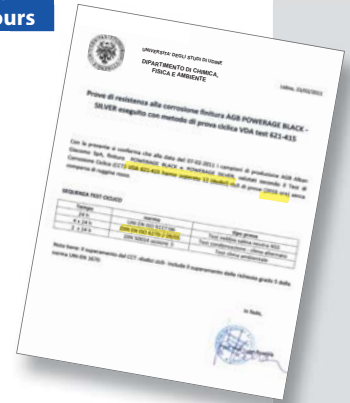
## THREE-LAYER COVER

**Powerage = Phosphatizing + Cataphoresis + Powder coating**

- Powder coating
- Cataphoresis
- Zinc salts phosphatizing



More than 2000 hours



**Powerage Black and Silver: 2016 hours in salt spray test without any red rust spot according to VDA 621-415.**

**⚠** The performances of Powerage finish are guaranteed only if screws with same or higher corrosion resistance are used.

Top performing **powder coating**, plus **cataphoresis** finish base with adequate preparation of surface by **zinc salts phosphatizing**, providing a special barrier against corrosion by the more aggressive atmospheric agents while, at the same time, conserving the brightness of the finish, even after prolonged exposure to UV rays.

|                                      |                               |  |
|--------------------------------------|-------------------------------|--|
| <b>RESISTANCE IN SALT SPRAY TEST</b> | <b>More than 1500 hours</b>   | As specified in the UNI EN ISO 9227 regulation, without red rust impacting surfaces in any way whatsoever.   |
| <b>RESISTANCE TO HUMIDITY</b>        | <b>More than 1500 hours</b>   | As specified in the UNI EN ISO 6270-2 regulation, in constant humidistatic (CH) environment.   |
| <b>RESISTANCE TO AGEING</b>          | <b>More than 1000 hours</b>   | of exposure in artificial environment, in conformity to UNI EN ISO 11341, variation of brightness of colour less than 50% of initial value (assessment method: according to UNI EN ISO 2813) |
|                                      | <b>Florida Test 12 months</b> | of exposure in natural environment, in conformity to UNI EN ISO 2810, variation of brightness of colour less than 50% of initial value (assessment method: according to UNI EN ISO 2813)     |