



## Technical Datasheet

# Zn-595 Zinc Spray Metalpigments

### Description

Zn-595 has the same properties as hot galvanizing. Zn-595 protects against corrosion on all clean metal surfaces - even without after treatment. The surface becomes strong and suitable for painting. Use Zn-595 for surface care of galvanized parts, for the repair of scratches on galvanized surfaces (please see DIN 50976). For cavity sealing, undersealing and protection.

The product is also suitable for use in sound insulations equipment, exhaust and ventilation equipment, pipe bending, heat exchangers, oil coolers and other types of equipment that are exposed to thermic changes.

Fittings on steel constructions, drill holes and welds in connection with grating and steel constructions, steel doors and -frames, garage doors, steel sindings, road barriers, bridges and other demanding steel constructions

For outdoor pipelines. Used as primer in all kinds of industries, such as agriculture, aviation, marine and for all kinds of machinery.

### Properties

- quick drying long-term protection for metal surfaces
- supplement for hot-galvanising
- more than 95% pure zink i the coating
- Long lasting corrosion protection after DIN 50021 and 53167
- does not crack, can be painted
- heatresistant to +500 °C
- salt spray test at least 540 hours
- weatherproof, can stand frost



### Application

Pre-treatment of parts: Only clean metal surfaces are suited for galvanizing. Iron, steel and sheet metal are degreased, then sandpapered or grinded with a steel brush. Larger surfaces can be sandblasted.

Shake the can thoroughly before use. Apply in cross- or circle motions from a distance of 20-30 cm. Optimum protection is achieved after 2-3 treatments. Turn the can up-side-down after use and spray a few seconds to clean the valve.

**ITW Chemical Products Scandinavia**

Priorsvej 36 • DK-8600 Silkeborg • Phone: +45 86 82 64 44 • Fax: +45 86 82 64 64 • e-mail: [info@itw-scan.com](mailto:info@itw-scan.com) • [www.itw-scan.com](http://www.itw-scan.com)

*Important note: All information and technical data are based on tests which to our knowledge are correct and reliable. However, there are no guarantees. It is the responsibility of the user to make sure that the information is useable and complete in connection with the purpose in question.*

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INFORMATION

# Zn-595 Zinc Spray Metalpigments

## Technical and physical data

|   |  |
|---|--|
| Partnumber  | 25285  |
| Packing   | 500 ml spraycan  |
| Weight  | 606 g  |
| Colour  | light grey   |
| Propellant  | DME  |
| Base  | epoxyesteracrylate   |
| Zinc purity   | 99%  |
| Zinc content in the dry surface   | 94,8%  |
| After DIN 50976 the coating must contain minimum 90% zinc, and be 50-100% over the demanded thickness of the zinc coating |  |
| Heatresistant   | up to 500°C  |
| Density   | 1,950 g/m <sup>3</sup>   |
| Yield   | 2-,8 - 3,2 m <sup>2</sup>  |
| Shelf life  | 2 years  |
| Optimum temperature   | 20°C   |
| Drying time at air drying   | dust dry after 5-7 minutes. Touchable after 20-30 minutes. Fully dried after 24 hours.   |
| Drying time at air drying   | 20 minutes at 180°C - 30 minutes at 140°C  |
| Paintable   | after 15-30 minutes depending of the laquer system e.g synthetic rasins, acrylic, cellulose, and furthermore depending of the thickness of the zinc coating. |

## Information

For more technical information and Material Safety Datasheets for the products at ITW, please contact:

### **ITW** Chemical Products Scandinavia

**Priorsvej 36**  
**DK-8600 Silkeborg**  
**Phone: +45 86 82 64 44**  
**Fax: +45 86 82 64 64**  
**e-mail: [info@itw-scan.com](mailto:info@itw-scan.com)**  
**[www.itw-scan.com](http://www.itw-scan.com)**