



## TECHNICAL DATASHEET

# ANTIOXIDANT S/R

Quick-drying antioxidant primer

### DESCRIPTION

Solvent-based antioxidant synthetic primer with quick drying, fire-resistant (Fire reaction classification according to UNE 23727:1990 M1) formulated with modified alkyd resins and inhibiting corrosion pigment, for the protection of iron and steel surface, for indoors or outdoors.

### RECOMMENDED USES

Adequate for iron and steel surfaces under medium aggressive environments. It can be used for the temporary protection of metallic surfaces exposed to the exterior during a maximum period of time of 4-5 months without a finish coat. It is recommendable to use it as a finish coat for conventional painting cycles for agricultural and industrial machinery, industrial buildings, pipes, tanks and metallic structures. It is appropriate for indoors and outdoors. It can be repainted with conventional finishes. It is not advisable to use it in a continuous immersion in water, acid exposure, alkali and solvents. It is not recommendable on aluminium or light alloys.

### CHARACTERISTICS

- . It contains non-toxic anti-corrosive pigments.
- . Great resistance, hardness and adhesion on steel surfaces.
- . Without chromates.
- . Excellent coverage.
- . Good anti-corrosive power.
- . Excellent resistance.
- . Drying in a hard and uniform coat.
- . Quick drying and good repainting.
- . Maximum resistance to impacts.

### TECHNICAL CHARACTERISTICS

Main component:	Modified alkyd resin.
Pigments:	Anti-corrosive, organic and inorganic pigments.
Appearance:	Semi-matt.
Paint thinner:	Synthetic solvent.
Volume solids:	47 $\pm$ 2 % (depending on colour).
Specific weight:	1,39 $\pm$ 0,05 gr/cc (depending on colour).
Colour:	White, red and grey.
Minimum recommended density:	40-50 dry microns.
Drying:	1-2 hours to 20°C.
Repainting:	Minimum 12-14 hours. Maximum: Unlimited.
Theoretical performance:	8-12 m <sup>2</sup> /l for 40 dry microns density.
Packaging:	750 ml, 4 litres and 20 Kg.



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### **APPLICATION**

#### **Surface preparation:**

The surface must be clean and without any dust, grease, oxide, etc. It must be degreased and deoxidized. If oxidizing process must be done, oxide must be removed through blasting. If it is not possible, it will be cleaned mechanically or manually until removing all oxide and afterwards, it will be degreased.

On steel surfaces without painting, for exposure in medium or moderate environments, it must be blasted with a minimum degree of Sa-2 of the Swedish Rule SIS-055900, Steel: Min ST-2(ISO 8501-1).

On already painted surfaces, if the paint is in a good state, sand it softly to tinge and improve adhesion. Clean and apply directly the finish coat. If the paint is in a bad state, remove it through scratching or brushing until obtaining a degree ST-3. It must be washed with pressurized water steam and let it dry.

For other surfaces not contemplated in this technical datasheet, contact our Technical Department.

#### **Instructions for use:**

Stir the content until it is uniform. Always apply on clean, dry surfaces without any dust, wax, grease, etc. It can be applied with brush, roller or spray gun. For the application with brush and roller, if diluting is necessary, use a minimum amount of synthetic solvent (like turpentine). For spray gun application, dilute it between 10-20 % with quick synthetic solvent or universal solvent. A second coat is optional, but it will give more resistance. In order to avoid cracking or wrinkling, it is advisable not to exceed the recommended density per coat, like the **use of solvents that allow repainting** and that they do not damage lower coats.

Never apply under 5°C or above 35°C, or with possible rain, high humidity, frost, dew, etc.

### **OBSERVATIONS**

The characteristics of the product can be achieved once it is completely dry and hardened, as well as applied on the specified basis.

Consumption is theoretical and it depends on the state of the material. The real consumption will be determined for each construction work and its representative tests.

The data explained here is based on our current knowledge, laboratory trials and use in a particular circumstance with subjective opinions.

Due to the impossibility of establishing an appropriate description to each nature and state of each surface, it is impossible to guarantee the total reproduction for each specific use.

The manufacturer and the seller do not assume, except for specific written agreements, any responsibility coming from the use of our products, results, damage, etc., that can be presented in applications carried out according to our recommendations, since they are out of control of the company.

### **STABILITY AND PRESERVATION IN THE CONTAINER**

Preserve in a well-closed container, under cover and in a temperature between 5-30 °C.

The shelf life of the product in its original container and without opening is two years.

### **SAFETY AND ENVIRONMENT**

Special safety measures are not required since it is a product with a solvent base, except for the usual ones. Do not eat. Keep open containers away from children. Keep a good ventilation in case of an indoors application. For more information, see the safety datasheet of the product.

Data indicated in this technical datasheet can be modified without prior notice.

**REVIEW: 03/01/2022**