

# **Passivating agent 1150 T**

## **Hydrosoluble passivating agent for carbon steel**

### **Physical chemical properties**

|                      |   |
|----------------------|---|
| Physical state       | : slightly alkaline liquid                  |
| pH at 1%             | : 9,5                                       |
| Chemical composition | : mixture of alkaline salts and inhibitors. |
| Free of              | : chromates and nitrites                    |

### **Typical applications**

Passivating 1150 T prevents the iron surfaces, which previously supported a treatment i.g. degreasing or pickling, from atmospheric oxidation.

### **Characteristics**

Product is free from chromates and nitrites. The lack of these two anions avoids any heavy problem related to purification and safety to the operator.

In case the passivation step follows alkaline treatments such as degreasing, it will be enough to wash with water the pieces to be treated; before proceeding with acid treatments like pickling, before passivation it is necessary to carry out a neutralization. Tanks and equipments can be in common steel.

After passivation, the passivating agent must be left drying on the piece without rinsing. In case of cast iron it is better to increase the concentration up to 2%.

### **Application conditions**

|                            |                     |
|----------------------------|---------------------|
| Application concentrations | : 0.5 -1%           |
| Plants                     | : spray, immersion  |
| Temperature                | : from room to 90°C |