istruzioni
d'uso

TECHNICAL DATA

PASSIVATION TEST FOR STAINLESS STEEL

The steel passivation test is an examination conducted to rate the ability of steel to resist corrosion.

Often overlooked but widely recognised in ASTM guidelines, the test is essential to ensure that the steel used retains its integrity and durability.

PRODUCT FEATURES

- **Quick and comprehensible results**: the test is able to return clear results on the state of passivation of stainless steel;
- **Extreme simplicity of execution**: to confirm the integrity of your steel, simply apply the reagents to the cleaned surface. In case of integrity, the color of the solutions will remain unchanged.

INSTRUCTIONS FOR USE

To use the passivation test correctly, follow these simple steps:

- Use the cloth included in the kit and the liquid contained inside bottle 1) to thoroughly clean the surface to be tested;
- Wait a few moments to allow the liquid to evaporate completely;
- Use bottle 2A) and dispense a drop of the liquid onto the surface, taking care to avoid contact between the pipette and the metal part;
- Use bottle 2B) to dispense a drop of the liquid onto the drop previously released from bottle 2A), thus creating a mixture;
- Wait 20 to 30 seconds to observe the reaction:
    - If the mixture remains colorless within 30 seconds, the Passivation Test is positive. This indicates that the surface has been adequately passivated and will be highly resistant to corrosion depending on the alloy used;
    - If the mixture turns a light blue/blue color within 30 seconds, the result is negative. In this case, the surface may be contaminated and, depending on the environment in which it will be used, may be at risk of corrosion.

- After obtaining the desired reading result, wipe the reagent liquid from the surface using the cloth provided in the kit. Then, using bottle 3), further clean the surface of the test residue.

PRECAUTIONS FOR USE

The passivation test is designed for professional use. Please carefully follow the instructions provided in the kit and use the appropriate personal protective equipment (PPE) to ensure maximum safety during application.

Not what you're looking for? Check out Delmet's entire line of **passivators** products!