



Renov Steel

Cementitious passivator for the corrosion protection of reinforced concrete reinforcement bars

Drykos® **Renov Steel** is a single-component, powder-based cementitious passivator specifically designed for the anti-corrosive protection of reinforcement steel in concrete repair systems.

The product, based on cementitious binders modified with super-pozzolanic additives, polymer resins, and corrosion inhibitors, develops high alkalinity and a chemical reaction capable of counteracting the electrochemical oxidation processes of steel. Applied as a fluid slurry, Drykos® **Renov Steel** forms an adherent and continuous protective coating on the bars, capable of stopping ongoing corrosion and preventing its re-initiation even in the presence of aggressive agents such as chlorides and sulfates.

The product constitutes the essential preliminary treatment in concrete restoration cycles, ensuring the durability and continuity of the intervention.

TECHNICAL PERFORMANCE

Characteristic	Test method	Standard requirements	Performance
Density	EN 1015-6		1700 kg/m ³
Mixing water			32-40%
Compressive strength at 24 hours	EN 196-1		10 N/mm ²
Compressive strength at 28 days	EN 196-1		35 N/mm ²
Flexural strength at 24 hours	EN 196-1		3 N/mm ²
Flexural strength at 28 days	EN 196-1		8 N/mm ²
Corrosion resistance	EN 15183		Pass
Pull-out resistance of high-bond steel bar	EN 15184		Pass
Tensile adhesion	EN 1542		2.4 N/mm ²
Reaction to fire	EN 13501-1		Class A1
CAM - Total recycled material content	UNI PdR 88		≥ 12%

NOTES

This "light" version of the technical data sheet provides a selection of the product's main descriptive and performance characteristics. While the data contained herein corresponds to our current scientific and technical knowledge, it is indicative and not exhaustive. For complete specifications, detailed technical information, conditions of use, and official updates, please refer exclusively to the full technical data sheet, available in its latest revision at www.drykos.com.

Full technical datasheet



DRYKOS S.r.l.

Piazza Marconi n. 7 12100 - Tarantasca (CN) - Italia

Tel. + 39 0171 1874992 | E-mail info@drykos.com | Web www.drykos.com

Last update 07/04/2026