



Dryrep

Water-based water-repellent, protective, and consolidating impregnating agent for absorbent surfaces

Drykos® **Dryrep** is a single-component, water-based liquid water-repellent impregnating agent designed for the protection of absorbent mineral surfaces.

The product, characterized by low viscosity and high penetration capacity, diffuses into the pores and capillaries of the substrate, reacting chemically and forming a permanent hydrophobic barrier, resistant to water and atmospheric agents, without creating surface films and without altering the aesthetic appearance of the material. Thanks to its non-film-forming and breathable nature, Drykos® **Dryrep** maintains the vapor permeability of the substrate, contributing to the protection of surfaces against water absorption, efflorescence formation, and degradation due to freeze-thaw cycles and aggressive agents.

TECHNICAL PERFORMANCE

Characteristic	Test method	Standard requirements	Performance
Mass loss after freeze-thaw cycles in the presence of de-icing salts	EN 13581	Mass loss of the surface of the impregnated specimen must occur at least 20 cycles later than that of the non-impregnated specimen	35 cycles later than that of the impregnated specimen
Penetration depth	EN 14630	Class I: 10 mm Class II: ≥ 10 mm	Class I: 4 mm
Water absorption and alkali resistance test for hydrophobic impregnation	EN 13580	Absorption ratio 7.5%, compared to untreated specimen Absorption ratio (after immersion in alkali solution) 10%	Water absorption: 7.0% Alkali absorption: 8.9%
Drying rate for hydrophobic impregnation	EN 13579	Class I: $> 30\%$ Class II: $> 10\%$	Class I: 118%
Hazardous substances			Compliant with point 5.4

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.