



ard f.lli raccanello s.p.a. industria vernici e smalti

TDS N° 390

Code 0.919.0000

ard rep w

Colourless water based & repellent protective for exteriors

GENERAL PROPERTIES

ARD REP W is a super hydrophobic protective in emulsion based on silane and polysiloxane compounds. It offers optimum impregnation for the most common absorbent mineral materials found in the building industry. ARD REP W reacts with substrate humidity forming a water repellent barrier without altering the porosity of the substrate & the water vapour permeability.

ARD REP W inhibits water penetration and the progressive crumbling caused by repeated freezing/thawing as well as the unpleasant white patches deriving from the soluble salts extracted from the walls. Furthermore, this product does not alter the original aesthetics (colour & gloss) of facades.

These features make it an excellent water repellent treatment for vertical mural surfaces in general (concrete, plaster, bricks, wooden or asbestos cement panels & stone).

INSTRUCTIONS

Substrate preparation:

- Brush thoroughly to remove any grime, oil and unsound parts.
- Preventive wall restoration is necessary in order to guarantee substrate adhesion when the product is applied to surfaces with salt efflorescence or subject to ascending humidity.
- Treat moulds, algae and moss with ARDSAN RISANANTE MURALE 0.916.
- Ensure the surface is perfectly dry; stir accurately & apply ARD REP W.

Application:

Apply ARD REP W as follows:

- Brush: use neat, apply several hands wet on wet until the substrate is impregnated.
- Spray: recommended for extensive surfaces. Use neat; the number of coats depends on substrate absorption.
- Do not apply at ambient or substrate temperature below +5°C or above +35°C. Avoid applying under direct sunlight. After application, exterior surfaces must be protected against rain until perfectly dry (usually after 48 hrs at 20°C).
- Store in cool, frost free premises.
- Wash equipment immediately after use with plenty of water.
- The product does not require a WARNING label.

- Use products in compliance with the current Health & Safety Regulations.
- Do not release containers to the environment after use.

Refer to the PSDS for further details:

TECNICAL PROPERTIES

SPECIFIC WEIGHT	1000 ± 20 g/l	
DRYING AT 20°C	TOUCH DRY	2 h
	THROUGH DRYING	24 h
CAPILLARY WATER ABSORPTION (UNI EN 1062-3)	0,03-0,06 kg/m ² *h ^{0,5}	
CLASS (UNI EN 1062-3)	III (low)	

YIELD

As the coverage varies according to the porosity of the substrate, we cannot provide exact details. Testing in order to determine the same is recommended.

Some examples follow:

Mineral plaster	1,3 - 2	m ² /l
Natural stones	0,7 - 5	m ² /l
Bricks	1,3 - 2,5	m ² /l

TENDER SPECIFICATION ITEM

COLOURLESS AQUEOUS BASED WATER REPELLENT PROTECTIVE FOR EXTERIORS

Application on pretreated surfaces of one or more layers of hydrophobic protective based on silane & siloxane compounds - **ARD REP W** - with a minimum consumption (which varies according to substrate absorption) of 0,250 l/m².

€/m².

The data herein were correct at the time of Quality Control and refer to standardized environmental conditions. As specific conditions cannot be evaluated the same are informative.
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