



CODE 1.561.1010

## **ardelast rasante**

**elastomeric undercoat for reinforced fillings**

### **GENERAL PROPERTIES**

ARDELAST RASANTE is an elastomeric coating devised to conserve thermal insulation systems damaged by surface discontinuity. Fiberglass reinforcement meshes are employed in order to create a specific reinforcement layer when finishing with the ARDELAST line of products.

This is a professional product which offers a remarkable elasticity - even at low temperatures - and guarantees high performing cycles when treating cracks & widespread crazes on thermal insulation systems.

ARDELAST RASANTE offers an excellent workability and a low volumetric decrease which makes it possible to uniform the substrate whilst "hiding" the embedded fiberglass mesh.

ARDELAST RASANTE is therefore perfect for preventing & treating cracks on the most common wall surfaces (bare & painted).

### **INSTRUCTIONS**

#### **Substrate preparation:**

- Plastered surfaces: ensure the substrate has weathered for at least 28 days. Clean thoroughly removing dust, filth & any unsound paintwork.
- Ensure the substrate is perfectly dry. Apply ISOLEX W or ISOLEX on chalky or unsound surfaces.
- Cracks: widen to about 0,5 cm using a flexible grinding wheel, & fill until even with ARDELAST STUCCO (refer to TDS 98).

#### **Application:**

- ARDELAST RASANTE is ready to use and does not require thinning. Stir thoroughly until homogeneous & use a steel float to fill the surface. Use ARDELAST fibreglass mesh (code 9.968.0010) to produce a reinforced filling. After laying the reinforcement mesh, use a trowel to drown it in the fresh undercoat. Allow to dry, then apply a second filling in order to perfectly cover the mesh and create an even surface.
- Allow at least 24 hrs and proceed with the ARDELAST finish.
- Apply at a temperature range of + 5°C - 35°C & R.H. below 75%. Avoid applying in direct sunlight.
- After application, exterior surfaces must be protected from rain, frost, fog & dew for at least 48 hours. The indicated drying times refer to a temperature of + 20°C & 65% R.H.
- Walls with efflorescence or subject to rising damp must be restored before application in order to guarantee adherence. Mould, algae & moss must be pretreated with ARDSAN RISANANTE MURALE 0.916.
- Store the product in cool premises, under frost proof conditions.

- Wash equipment immediately after use with water.
- Use in compliance with the current Health & Safety regulations.
- Refer to the PSDS for further details. Do not release containers to the environment after use.
- ARDELAST RASANTE is recoatable *only* with elastic systems. Application of different products may cause cracking & “removal”.

## TECHNICAL PROPERTIES

NATURE OF BINDER	<b>Acrylic polymers</b>		
COLOUR	<b>White</b>		
MASS VOLUME	<b>1500 - 1700 g/l</b>		
DYNAMIC VISCOSITY	<b>250.000 - 350.000 cP</b>		
ALKALI RESISTANCE	<b>No structural/chromatic variation</b>		
DRYING AT 20°C	TOUCH DRY		<b>4 hrs</b>
	THROUGH DRYING		<b>48 hrs</b>
PERMEABILITY (WATER VAPOUR)	EN ISO 7783	Class	<b>V<sub>2</sub> (average)</b>
CAPILLARY ABSORPTION & WATER PERMEABILITY	EN1062-3	Class	<b>W<sub>3</sub> (low)</b>
ADHESION FOR DIRECT TRACTION	EN 1542	RESULT	<b>Complies (adhesion ≥ 0,3 Mpa)</b>
DURABILITY	EN 13687-3	RESULT	<b>Complies (adhesion ≥ 0,3 Mpa)</b>
THERMAL CONDUCTIVITY	EN 1745	λ <sub>10DRY</sub> [W/MK]	<b>0,809</b>
FLASH POINT	EN 13501-1		<b>Class C</b>
HAZARDOUS SUBSTANCES		RESULT	<b>Complies</b>

## YIELD

Once completely dry, ARDELAST RASANTE forms a coat with a thickness that varies according to the substrate. Therefore, the yield varies from 0,55 m<sup>2</sup>/kg (low roughness) to 0,25 m<sup>2</sup>/kg (scratched coatings).

## TENDER SPECIFICATION ITEM

### ELASTOMERIC UNDERCOAT FOR REINFORCED FILLINGS

Application on treated surfaces of a fine grained pigmented coating based on elastomeric copolymers in aqueous dispersion, selected quartz & marble grit - type ARDELAST RASANTE with a min consumption of 1,8 - 4 kg/m<sup>2</sup>.

€/m<sup>2</sup>

The data herein were correct at the time of Quality Control and refer to standardized environmental conditions.

The same are to be considered as a guide.

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