

## Acrylic resin for casting repairs and surface waterproofing for exteriors



### [ info. PRECAUTIONS ]

Do not apply the product to very hot surfaces or surfaces exposed to prolonged sunlight. Avoid application if there is an immediate risk of rain. Consult the toxicological data sheet.

### [ info. CONSUMPTION ]

Approximately 250-300 g/m<sup>2</sup> of surface area (absorption function of the substrate).

### [ info. DOSAGE ]

1 part SIRIOCRYL to 3 parts water.

### [ info. PACKAGING ]

- 1050 kg tank
- 220 kg drum
- 25 kg container
- 10 kg container
- 5 kg container

### [ info. STORAGE ]

The product is sensitive to frost and must be stored at temperatures above 5 °C. Do not apply the product at temperatures below 5 °C.

### [ info. TECHNICAL SERVICE ]

Detailed technical instructions on the use of the products can be requested from your local representative or directly from PROIND srl.

SIRIOCRYL is a concentrated, APEO-free acrylic copolymer, suitably formulated to **protect any concrete or stone surface from chemical attack, frost and pollutants (acid rain, carbonation, exhaust fumes, etc.)**. It can be mixed into a cementitious mixture to produce grouts or mortars that are particularly resistant to atmospheric agents and strongly adhere to existing cementitious substrates. Also suitable for concrete repair work.

### Fields of application

Surface waterproofing of walls against the ground, lift shafts, basements, natural or artificial stone, cement-based plaster, manufactured concrete panels, concrete repairs, etc. Treated surfaces have an excellent degree of waterproofing, and as the film is elastic, they will have a virtually unlimited lifespan. Non-structural concrete repairs.

### Instructions for use and consumption

Mix one part resin with three parts water. The resulting product should be applied with a brush or spray onto the surface to be waterproofed in a maximum of two coats, taking care to apply the subsequent coats before the product has polymerised (wet on wet).

The surfaces to be waterproofed must be cleaned of dust and any other dirt that may be present; wet the wall with water until saturated.

Surfaces treated in this way have an excellent degree of waterproofing, and as the film is elastic, they will have an unlimited lifespan.

Do not apply the product to very hot surfaces or when there is an immediate risk of rain. Protect the surface after application.

Consumption: 250-300 g/m<sup>2</sup> (depending on the absorbency of the substrate).

### [ info. PHYSICAL FEATURES ]

Brookfield viscosity	5000-11000 cPs @ 20 °C (#6, 20 rpm)	Glass transition temperature Tg	~18°C
Appearance	Milky white	Density at 23 °C	1.04 g/cm <sup>3</sup>
Solid content	49-51	Elongation at break	400%
pH	8-9	Breaking load	6,8 N/mm <sup>2</sup>
Prevailing particle diameter	0,12 µm		