

ISPOCRYL 610

DESCRIPTION

ISPOCRYL 610 is one-component acrylic emulsion based sealant reinforced with silicone emulsion. It has superior adhesion and good elasticity.

PROPERTIES

- Its siliconized structure, makes it possible to handle movement up to 15%,
- Water based & Non-toxic,
- Very low VOC content,
- Water-proof after curing,
- Over paintable,
- Very easy to apply and clean,
- Can be used on all porous surfaces such as brick, concrete, wood etc.
- No odour.

APPLICATIONS

- Sealing of low movement joints between various construction materials (wood, concrete, brick etc.)
- Sealing joints between windows, walls, doors etc.
- Filling cracks in walls and on ceilings.

INSTRUCTIONS

- The joints must be clean and free from dust, grease and rust.
- No primer is required for non-porous surfaces. On porous surfaces such as concrete, stone, cement and plaster a primer (mixture of one part acrylic sealant and 4-5 parts of water) can be applied.
- Min/max joint width must be 5mm/25mm. The recommended joint depth/width ratio is 1 to 2.
- Application temperature is between +5 °C and +35 °C.
- Immediately after the application, smooth the sealant at once with wet finger or a wet tool. Excess sealant can be removed by a wet cloth.
- Keep the sealed joint dry at least for two hours.
- Cured sealant can be removed mechanically.

Consumption (approx.)

| | | | | | |
|--------------------|-----------|----------|------------|-------------|----------|
| Application Width | 5mm | 10mm | 15 mm | 20 mm | 25 mm |
| Application Depth | 3mm | 5mm | 8 mm | 10 mm | 12 mm |
| Efficiency /310 ml | 20 meters | 6 meters | 2,5 meters | 1.50 meters | 1 meters |

STANDARDS

Meets or exceeds the requirements of the following specifications:

- The French VOC requirements for class A+
- CE marked for EN 15651 for façade (DOP No: 2016-0003)
- The requirements of VOC content specifications in LEED credit EQc4.1
- “Low-emitting products” of SCAQMD rule 1168.

RESTRICTIONS

- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- Should not be applied for sealing joints permanently exposed to water.
- It should not be applied in case of risk of rain or frost.

Surface Preparation

| | |
|---|--|
| Glass | Degrease with alcohol or MEK |
| Aluminium, light alloys and stainless steel | Degrease with alcohol or MEK |
| Other Metals | Lightly abrade then degrease as above |
| Wood | Lightly abrade surface then remove dust |
| Plastics | Degrease using an agent recommended by plastics manufacturer |
| Concrete and other alkaline Surfaces | Brush and remove dust |

STORAGE AND SHELF LIFE

The shelf life is 12 months if stored in unopened-original package in a dry place at temperatures between +5°C and +25°C.

PACKAGING

| Product Type | Volume | Package |
|----------------------------------|--------|---------|
| White/Black/Grey/Brown | 310ml | 24 |
| White/Black/Grey/Brown (Sausage) | 600ml | 12 |
| White (Mini Sausage) | 80ml | 36 |

TECHNICAL PROPERTIES

| | | |
|--------------------------------|-----------------------------------|--------------|
| Basis | : Acrylic Dispersion | |
| Consistency | : Smooth paste | |
| pH | : 7-8 | |
| Specific gravity | : 1,60 ± 0,03 gr/cm ³ | (ASTM D 792) |
| Tack-Free time | : 50 ± 20 min (23 °C and 50% R.H) | (ASTM C 679) |
| Curing Rate (mm/day) | : 2 mm/day (23 °C and 50% R.H) | |
| Shore A hardness | : 30-50 Shore A | |
| Ultimate elongation | : ≥300% | (ASTM D 412) |
| Temperature resistance | : -10 °C to +80 °C | |
| Application Temperature | : +5 °C to +40 °C | |

GENERAL INFORMATION

The information contained in this technical data sheet is to the best of our knowledge correct, being based on our knowledge and experience to date and cannot be used as a guarantee, due to the various different materials present on the market and the fact that the application conditions are not under our direct control and supervision. ISPO France, however, guarantees constant product quality. ISPO France has the right to modify or update this technical data sheet according to requirements. Customers are kindly requested to verify that they are in possession of the latest version.

ALWAYS CONSULT THE SAFETY DATA SHEETS BEFORE USING THE PRODUCT