

**CHEMIACRYL  
 ACRYLIC SEALANT**

# CHEMIACRYL ACRYLIC SEALANT



## PRODUCT DESCRIPTION

**CHEMIACRYL Acrylic Sealant** is an acrylic-based elastic sealant that protects against dust and water.

## CHARACTERISTICS

- ✓ **Very easy application**
- ✓ **Over-paintable**
- ✓ **It is odorless**
- ✓ **Can be easily smoothed and levelled out**
- ✓ **Form permanently water-repellent layer after curing**
- ✓ **Good weathering and water resistance**
- ✓ **One-component**
- ✓ **Remains flexible for a long time after curing**
- ✓ **Does not affect the application surface**
- ✓ **Water, wind and moisture resistant on aluminum, wood and PVC frames and windows**

## TECHNICAL SPECIFICATIONS

Properties	Value
Chemical base	Acrylic
Density at 20°C	1,63±0,03 g/cm <sup>3</sup>
Tack free time (25°C and 50% h.r.)	15–60 min.
Cure Rate: (25° and 50% h.r.)	2 mm/24h
Tensile Strength at Break:	≥ 0,1 Mpa
Elongation at Break:	≥ 100 %
Modulus 100 % elongation:	> 0,2 Mpa
Application Temperature:	+5 °C to +35 °C
Temperature resistance	-10°C a +80°C

Results tested in the laboratory.

## APPLICATIONS

Recommended for sealing interior joints, construction joints with little movement and repairs to walls and ceilings.

Sealant for all types of carpentry and interior walls.

Filling cracks in walls, cracks and finishes between plaster frames, wood, skirting boards.

Ideal for repairing cracks in concrete, natural stone, plaster, metals, wood, brick.

Especially suitable for sealing joints and cracks with little movement, sealing ventilation and air conditioning ducts, sealing carpentry work, sealing windows and frames, putty joints and cracks.

Excellent adhesion to glass, galvanized steel, stainless steel, brass, copper, ceramics, polyester, fiberglass, polycarbonate, ABS, polystyrene, rigid PVC, bricks, concrete, mortar, limestone, granite, anodized aluminum, polished aluminum, wood, etc. ...

## **METHOD OF APPLICATION**

### **PREPARATION.**

- Surfaces must be very clean and dry, degreased and free of friable particles that could hinder adherence. You can use acetone, alcohol or degreaser to clean the substrate.
- Check the compatibility of **CHEMIACRYL Acrylic Sealant** with the substrates.

### **APPLICATION**

- If necessary, use joint cord to avoid three-point contact and observe the width/depth ratio defined by the following general rule: Joint width and depth ratio should be about 2:1.
- The application temperature must be between +5°C and +35°C.
- If necessary, apply masking tape to the sides of the joints to protect the places where it should not come into contact.
- Cut the tip and place it in the cartridge. It is recommended that this cut be made at 45°C, in the diameter required for sealing the joint.
- **CHEMIACRYL Acrylic Sealant** can be applied with a manual or pneumatic spray gun.
- Apply the product in uniform and continuous strands for sealing. Finish with a spatula or putty knife.
- After application remove tapes.

### **CLEANING**

- Tools can be cleaned with water or **CHEMICLEAN SEALANT REMOVER** or **CHEMICLEAN INDUSTRIAL CLEANING WIPE** before the sealant cures. After curing, it can only be removed by mechanical action.

### **PAINTING**

- **CHEMIACRYL ACRYLIC SEALANT** can be painted when completely dry. However, we recommend testing compatibility with paint before application.

## **RESTRICTIONS OF USE**

Not compatible with natural or synthetic rubber material or bituminous substrates.

Not suitable for use on PE, PP, PA, PTFE (Teflon).

The product cures by dehydration (dries due to loss of water), so it must be protected from water until the joints form a resistant and solid film.

Avoid permanent contact with water and humidity.

Factors such as high humidity, low temperatures and excessively thick joints can significantly delay film formation and drying. In external applications, the dry product must be protected from torrential rain and permanent contact with water and humidity must be avoided. During the drying process, the color of the sealant may vary slightly.

The product is compatible with various paint systems, however, prior testing is recommended.

## **SAFETY INFORMATION**

For more information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing, physical, ecological, and toxicological and other safety related data.

## STORAGE CONDITIONS AND SHELF LIFE

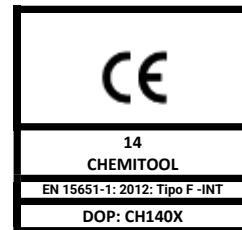
Store the product in a cool and dry place.

The shelf life is 24 months at temperatures between +5°C and +25°C.


## CERTIFICATIONS

CE Marking and Declaration of Performance for:

- ❖ Sealant for facade joints in interior applications: EN 15651-1: 2012: Type F –INT



## PACKAGING

SAP	DESCRIPTION		Volume ml	EAN
CH14010001	CHEMIACRYL SELANTE ACRILICO BRANCO	24	300	5608907323519
CH14010002	CHEMIACRYL SELANTE ACRILICO CINZENTO	24	300	5608907323526

**Note:** This technical sheet cancels and replaces others previously issued for the same product. The technical information given, verbally or in writing, is based on our current knowledge, given in good faith and supported by various laboratory tests. Taking into account the diversity of factors that may affect the product during its use, as well as the various application techniques, the user is responsible for confirming and carrying out his own tests and experiments, whether the product is suitable for the process and type. of use in question. For these reasons, any application of the product is carried out under the sole responsibility of the user, and CHEMITOOL cannot be liable for any losses or damages, directly or indirectly resulting from the application. All features, specifications and product images are subject to change without notice.