

TECHNICAL SHEET 28.01.03-EN



SIGILL Acryl Express 590

Fast drying paintable sealant

1. Description, Application

SIGILL Acryl Express 590 is a water-based acrylic sealant, specific for decorators. Can be overpainting after 15 minutes. Very useful for painting and finishing work to seal cracks, crevices and holes in the masonry.

2. Certificates

Certified and tested according to:
 EN 15651 - 1: Type F - INT - EXT
 EMICODE EC 1 PLUS

3. Technical data

Packaging	300 ml
Colour	White
Density	~ 1.6 - 1.63 g/cm ³
Sag resistance (ISO 7390)	< 1 mm
Hardness shore A (DIN 53505)	~ 20
Skin forming time (23°C, 50% R.H.)	< 10 min
Volume shrinkage	~ 23 %
Elongation at break	250 %

Joint movement capability (ASTM C920)	~ 15 %
Temperature resistance	-25 ÷ 80 °C
Application temperature	+5 do +40 °C
Curing trough volume [mm/24h] (NPT method 07) (23°C and 50% RH)	2 mm

4. Installation Conditions

The temperature of the air and the wall base should be from +5 °C to +40 °C, and the relative air humidity should not be higher than 80%.

5. Areas of Application

It is used for joints between door frames, windows, plasterboard and wall. Both for indoors and outdoors applications. Adheres to most materials used in construction: cement, brick, plasterboard, wood, plaster, concrete. Fair adhesion on painted metals, aluminium, plastics (except PE, PP, PTFE) coupled with a porous material. Also suitable for joints with moderate expansion, both interior and exterior, horizontally or vertically application. Never apply where water stagnation is possible.

6. Features

- For filling cracks and crevices
- Excellent adhesion on porous surfaces
- Fast drying
- Immediately paintable
- Also for outdoors applications

7. Instruction for Use

To obtain maximum performance in terms of adhesion, eliminate any friable parts and damp the surfaces, especially the very porous ones (i.e., plasterboard) to prevent too rapid hardening from causing cracks and/or detachment. For smoothing and cleaning use water.

NOT SUITABLE FOR DIRECT CONTACT WITH WATER.

Protect from rain until a sufficient film has formed (usually 12 hours is enough).

8. Cleaning of Equipment and Personal Protective Measures

Clean the tools used with water. Once cured, the product can only be removed mechanically. Avoid skin contact by using latex, rubber or polyethylene gloves. If it comes in contact with the skin, remove immediately and wash with soap and water.

9. Storage, Transportation Conditions and Shelf Life

SIGILL Acryl Express 590 can be stored for 24 months in its original packaging (unopened container) between 10° C and 25°C in a cool, dry place. The storage temperature should not exceed 25°C for extended periods of time. Keep away from wet areas, direct sunlight and heat sources.

10. Other Information

Technical instructions are given based on our experiences and are given as a guideline for achieving optimal results. We cannot take any responsibility for the damage, caused by incorrect selection of a product, incorrect use or unprofessional work. JUB also bears no responsibility in cases where the substrate for the application of our products is prepared inadequately or with materials of inadequate quality from other manufacturers. In the case of

applying our products to existing substrates of old coatings or pre-prepared substrates with materials from other manufacturers, it is obligatory to make appropriate test fields with all the intended applications of JUB products, in accordance with the technical instructions, before starting the work.

Safety measures: Follow the instructions on the safety data sheet of the product.

This technical sheet supplements and replaces all preceding editions. We reserve the right to change and supplement data in the future.

Denomination and date of publishing: TDS 055/24-čad, 17.03.2025