

## TECHNICAL SHEET 28.01.01-EN



# SIGILL Acryl Universal 520

## Interior crack and joints sealant

### 1. Description, Application

SIGILL Acryl Universal 520 is a one-component sealant in acrylic dispersion for indoor use. After application, the product forms a soft elastoplastic rubber by evaporation of water.

### 2. Certificates

Certified and tested according to:  
 EN 15651-1: Type F – INT

Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168

### 3. Technical data

<b>Packaging</b>	280 ml
<b>Colour</b>	White
<b>Density</b>	~ 1.66 g/cm <sup>3</sup>
<b>Sag resistance</b> (ISO 7390)	< 3 mm
<b>Hardness shore A</b> (DIN 53505)	~ 35
<b>Skin forming time</b> (23°C, 50% R.H.)	~ 25 min

<b>Volume shrinkage</b>	< 25 %
<b>Elastic modulus</b>	~ 0.25 N/mm <sup>2</sup>
<b>Joint movement capability</b> (ASTM C920)	8 - 10 %
<b>Temperature resistance</b>	-20 ÷ 80 °C
<b>Crosslinking speed</b> (NPT Method 07) (23°C and 50% RH)	~ 2 mm/24h
<b>Application temperature</b>	+5 to +40 °C

#### 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

Sealing of low-movement joints, filling cracks, joints between stairs, walls, ceilings, baseboards, window sills; installation of kitchens, wooden and metal windows, concrete, bricks and plaster. For internal use.

#### 6. Features

- Economic and versatile acrylic sealant
- Flow resistant
- Paintable with synthetic and water-based paints
- Low odor
- Easy to apply and clean
- Non-corrosive to metals

#### 7. Instruction for Use

Surfaces must be clean, free of loose parts, ice; if necessary, moisten surfaces, especially very porous ones (e.g. plasterboard) to prevent too rapid hardening from causing cracks and/or detachment. Within 15 minutes after application, smooth out thoroughly (with water) to ensure effective contact with surfaces. NOT SUITABLE FOR DIRECT CONTACT WITH WATER.

#### 8. Cleaning of Equipment and Personal Protective Measures

Clean the tools used with water. Once hardened, 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 Universal 520 can be stored for 18 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.

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