

## US-220

Revision: 01/07/2016

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**Technical Data:**

|                                |                    |
|--------------------------------|--------------------|
| Base                           | Acrylic Dispersion |
| Consistency                    | Pasta              |
| Curing System                  | Physical drying    |
| Skin formation (20°C/65% R.H.) | Approx. 20min.     |
| Shrinkage (DIN 52451)          | < 25%              |
| Specific Gravity (DIN 53479B)  | 1,64.g/ml (±3)     |
| Temperature Resistance         | -20°C to +80°C     |
| Maximum allowed Distortion     | +/-12.5%           |

\* This varies according to ambient conditions such as temperature, humidity, substrate etc..

**Product:**

US220 is a high quality flexible plasto-elastic single component siliconized joint sealant based on acrylic dispersions.

**Characteristics:**

- Very easy to apply
- Colorfast and waterproof after curing
- Can be painted over after curing
- Very good adhesion on many porous surfaces and aluminum

**Applications:**

- Joints with movements up to 15%.
- Connection joints in the building industry
- Joints between window sills, between skirting-board and floor, between brickwork, etc.

**Packaging:**

Colour: white

Packaging: cartridge 500 gr - 30 psc/box

**Shelf life:**

At least 12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°. Protect against frost!

**Surfaces:**

Type: all porous building surfaces. Not suitable for natural stone, bitumen, glass and metal.

*State of Surface:* The substrates to be sealed must be clean, dry, free of dust and of grease

*Preparation:* prepare very porous surfaces with diluted US220 (1 part US220 and 2 parts water)

We recommend a preliminary compatibility test on every surface.

**Joint Size:**

*Minimum Width:* 5mm

*Maximum Width:* 20mm

*Minimum Depth:* 5mm

*Recommendation:* joint depth = joint width

Use PE backer rods in case of large joint dimensions to avoid three-sided adhesion

**Applying the sealant:**

*Method:* Apply the sealant by means of a handheld or pneumatic caulking gun. Smoothen the sealant with a filling-knife.

*Application temperature:* +5°C to +30°C, do not apply when rain or frost are imminent

*Clean:* Uncured US220 may be removed with water from tools and materials. Cured sealant must be removed mechanically.

*Repair:* with US220

*Tool:* with soapy solution

Remark: The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.

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**Revision: 01/07/2016****Page 2 of 2****Remarks:**

- Do not use in applications where continuous water immersion is possible.
- Do not apply when rain or frost is imminent
- US220 can be painted over with most paints.
- The paint should be sufficiently elastic to be applied on a plasto-elastic sealant.
- Due to the large variety of available types of paint, a preliminary compatibility test is recommended.

**Health- and safety recommendations:**

Apply the usual industrial hygiene.  
Consult the label for more information

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