

US-120

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. 20 min.
Shrinkage (DIN 52451)	Approx. 15%
Specific Gravity (DIN 53479B)	1,70g/mL
Temperature Resistance	-20°C to +80°C
Maximum allowed Distortion	15%

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

Product:

US120 is a high-quality, plasto-elastic one-component joint sealant based on acrylic dispersions.

Characteristics:

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

Applications:

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

Packaging:

Colour: white, grey, brown, black

Packaging: cartridge 500gr - 30 pcs/box

Shelflife:

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

State of Surface: clean, dry, free of dust and grease

Preparation: prepare very porous surfaces with diluted US120 (1 part US120 and 2 parts water)

We recommend a preliminary compatibility test.

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 US120 may be removed from tools with water. Cured sealant must be removed mechanically.

Finishing: with soapy water

Repair: with US120

Health- and safety recommendations:

Apply the usual industrial hygiene.

Consult the label for more information.

Remarks:

- Do not use in applications where continuous water immersion is possible.
- Do not apply when rain or frost is imminent
- US120 can be painted over with most paints.
- The paint should be sufficiently elastic to be applied on a plasto-elastic sealant.
A preliminary test is recommended.

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.