



KIT IN



15
years
warranty



Does not stain



Paintable



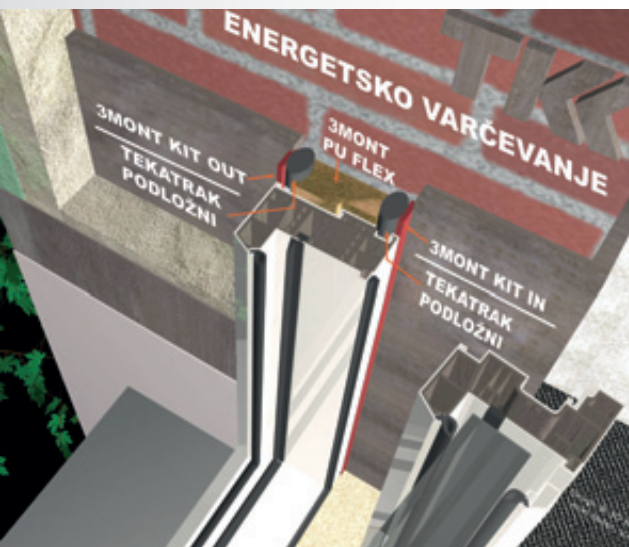
Silicone and isocyanate free



For internal use

Certificates:

IFT ROSENHEIM



USE

- For inner sealing of joints at energy efficient installation of windows / external doors into building construction in 3MONT system
- For external sealing use 3MONT KIT OUT. For thermal and sound insulation use polyurethane foam 3MONT PU FLEX.

PROPERTIES

- High water vapor-tight and airtight, based on hybrid polymer MS, elastic sealant
- Weather and UV resistant
- Excellent adhesion to different surfaces (concrete, wood, metal, aluminum, various plastics, marble and natural stone ...)
- Can be over painted
- Does not leave stain
- Environmentally friendly
- For correct joint dimensioning use TEKATRAK back filling.

TECHNICAL DATA

Uncured sealant

Curing mechanism		moisture curing
Skin formation time	23°C/50 % rel. humid	20 – 30 min
Hardening time	23°C/50 % rel. humid	2 mm/day
Application temperature		+5 °C do +30 °C

Hardened sealant

Watter vapour diffusion resistance (μ): SIST ISO 7783		1516
Temperature resistance		-40 °C do +90 °C
Change in volume	SIST ISO 10563	< 1%
Colour		White

SURFACE PREPARATION

The surface of the joint must be hard, clean, dust and fat free. Remove all separated and badly attached pieces. For better adhesion onto porous surfaces use Primer KVZ 16.

Joint and cartridge preparation::

- If you want joints to look nice tape the edges with masking tape

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- The sealant should be applied as evenly as possible.
- At the end, level the sealant with an appropriate instrument or a well soaped finger
- Remove the masking tape before the sealant starts to harden
- Fresh sealant and tools can be cleaned with the Tekafin cleaner, hardened sealant should be removed mechanically first and then with a cleaner for hardened silicone Tekapursil S or Apursil

Correct dimensioning of dilatating joints

For the optimal elastic characteristics of the sealant, a correct width/depth ratio is important (2:1) or a maximum of 1:1. The sealant must not grip the bottom of the joint, but only its sides. We can achieve this with the use of underlying materials, onto which the sealant has no adhesion (foamed polyethylene, polyurethane). The minimum joint width is 6 mm, the maximum 20 mm.

Joint depth (mm)	Joint width (mm)					
	6	8	10	12	15	20
6	8,3	6,2	5,0	4,2		
8		4,7	3,7	3,1	2,5	
10			3,0	2,5	2,0	1,5
12				2,1	1,7	1,2
15					1,3	1,0
20						0,75

PACKING

- 290 ml cartridges

STORAGE

- 12 months in a dry and cool storage place at temperatures between + 5°C and + 25°C and kept in the originally sealed package

SAFETY PRECAUTIONS

There are no known safety issues concerning the 3MONT KIT IN for use in construction.

ATTENTION

The information supplied is accurate to the best of our knowledge and is based on reliable tests and practical experiences. Properties quoted are intended, as a guide and do not therefore constitutes a specification. You should thoroughly test any application to be sure that product corresponds to the required performances.