

TEKASIL ACETAT PROFI

PROPERTIES

- Does not slump in vertical joints.
- Excellent adhesion to aluminium, ceramics, glass, glazed surfaces, profiled glass, klinker and porcelain.
- Excellent mechanical properties.
- Movement accommodation up to 25%.
- Resistant to atmospheric effects, UV-light and ageing.
- Resistant to various chemicals.
- Releases acetic acid during hardening.
- Long storage life.
- Wide selection of colours (see colour chart).

TESTS AND CERTIFICATES

EN 15651-1:2012 F-EXT-INT-CC – CE marking,
EN 15651-2:2012 G-CC – CE marking,
EN 15651-4:2012 PW-INT – CE marking,
ISO 11600 – sealants classification and requirements,
EC-1 PLUS

USE

The product is recommended for installing windows and doors, for sealing silicate materials, for mounting glass into aluminium frames, for glazing as well as for profiled glass mounting.

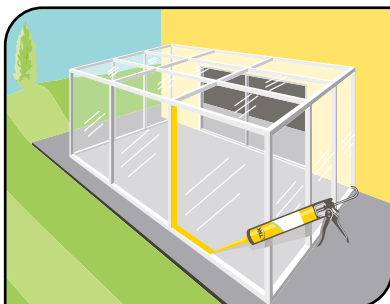
TECHNICAL DATA

Fresh sealant

Basis		acetic acid silicone
Appearance		paste
Curing mechanism		by air humidity
Specific gravity		1005±10 kg/m ³
Skin formation time	23°C/50% rel. humid.	20 min.
Hardening time	23°C/50% rel. humid.	2 mm/day
Resistance to flow	ISO 7390	0 mm
Application temperature		between +5°C and +40°C

Cured sealant

Hardness Shore A	ISO 868	15–25
Tensile strength	ISO 8339	0,50–0,60 MPa
Module E 100%	ISO 8339	<0,4 MPa
Elongation at break	ISO 8339	200–300%
Tensile strength	ISO 37	>1,3 MPa
Elongation at break	ISO 37	>500%



Tekasil Acetat Profi

This is an acetate-based sealant with permanent elasticity and excellent adhesion to most silicate materials (aluminium, ceramics, glass, glazed surfaces, profiled glass, klinker, porcelain etc.).



**PROFI
USE**

Profi use



between -40°C
and +180°C



UV resistance

Change in volume	ISO 10563	<10%
Elastic recovery	ISO 7389	98%
Temperature resistance		between -40°C and +180°C

APPLICATION

Prior to use it is recommended to perform an adhesion test to verify adhesion of the sealant to the substrate.

Surface preparation:

The surface of the joint must be dry, hard, clean, dust and fat free. Remove all separated and badly attached pieces.

Joint and cartridge preparation:

- If you want joints to look nice tape the edges with a masking tape.
- Cut the cartridge at the top and screw on the nozzle, which has to be cut according to the width of the joint and placed in the gun. During work interruption release the handle on the gun and pull the piston back.
- The sealant should be applied as evenly as possible.
- At the end, use a smoothing tool - a TKK smoothing instrument, or a Smoothing agent soaped finger to level the sealant before the skin starts to form. It is very important to press the sealant well against the surface to be sealed.
- 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.

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

The table shows how many linear metres of joints we can seal with one 300ml cartridge relative to the width and depth of the joint.

PACKAGING

- 300ml cartridge
- 60ml tube
- 200l drum
- 600ml, 400ml sausage
- other packagings are available by agreement

STORAGE

24 months in a dry and cold place under 25°C in originally closed packaging.

HEALTH, SAFETY HANDLING AND DISPOSAL INFORMATION

Additional information on safety, safe handling instructions and personal protective equipment as well as disposal information are available in a safety data sheet. Safety data sheet is available upon request. You can also ask your TKK distributor for a copy.

WARNING

Instructions contained in this document are based on our research and experience, however, due to specific conditions and working methods we recommend that you perform preliminary tests prior to any application of our products.