



PRIMERS

Primer KVZ 12

Primer KVZ 16

Primer PU 10

Primer PL

USE

TKK primers improve adhesive qualities of TKK sealants on various surfaces. They are used to improve adhesive qualities of sealants on various surfaces (porous surfaces, plastic surfaces) or to improve the adhesive qualities under water or of the joints under chemical stress. Due to different hardening systems of sealants and different primers, there is no general rule of which primer to use for which application. A preliminary testing is recommended before the first use.

PRIMER KVZ 12	Two-component waterproof primer on the basis of epoxy resin.
PRIMER KVZ 16	One-component primer on the basis of siloxanes and silanes in solvent
PRIMER PU 10	One-component polyurethane primer.
PRIMER PL	One-component primer on the basis of polyacrylate and metoxysilane in organic solvent

TECHNICAL DATA

	Density (kg/m ³)	Curing time (min)	Consumption for 10mm deep joint (g/m)
Primer KVZ 12	990		
	(A+B component)	cca. 45	5-7
Primer KVZ 16	760	cca. 60	4-6
Primer PU 10	920	cca. 15	5-7
Primer PL	950	cca. 60	5-7

APPLICATION

Primer KVZ 16, PU 10 and PL

Surfaces should be dry, clean and free of dust and fat. Porous surfaces should be lightly sanded while smooth surfaces should be cleaned mechanically. On plastic surfaces there are often the remains of lubricants and release agents which need to be cleaned with TEKA cleaner. Use a clean cotton cloth to wipe the surface clean and another one to wipe it dry.

Using a brush or a sponge, apply the primer on a wanted surface, wait for it to dry and apply a sealant. The hardening time of a primer depends on the temperature in the room. The sealant should be applied immediately after the primer had hardened and on the same day by any means. Otherwise the surface gets contaminated causing the sealant to come off the surface. On the surface the primer makes a non-elastic rigid film. If the primer is applied on a rubber surface it might become crumbly and can come off the surface. The surfaces the primers are to be applied on should be made of very hard material. The primer should be used with appropriate sealant otherwise it can act

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Primer KVZ 12

The primer is appropriate for special uses of Tioelast KOS, Tekasil neutral profi and Tekasil alkoksi neutral for applications exposed to chemicals, water or damp.

The surfaces should be prepared as described above.

First, mix each component well, then add component B to component A and mix well.

If you don't need the entire quantity mix component A and B in 2:1 ratio. The primer should be applied on a clean, dry and fat-free surface. Once the primer is hardened (45min) you can start applying the sealant.

USE OF PRIMERS

The role of a primer is to improve adhesive qualities of a surface which needs to be sealed or to improve the adhesive qualities when sealants are being applied under special conditions.

Surface	Sealant											
	Tekasil Neutral profi	Tekasil Alkoksi neutral	Tekasil Acetat profi	Teoelast KVZ/ KOS	Tekaflex MS 15	Tekaflex MS 40	Tekaflex PU 15	Tekaflex PU 40	Tekafiks for marble	Tekafiks for mirrors	Tekadom acrylic sealant	
Aluminium raw	+	+	+	--	+	+	+	+	+	+	--	
Aluminium eloks	+	+	+	--	+	+	+	+	+	+	--	
Copper	+	+	--	--	+	+	+	+	+	+	--	
Concrete	KVZ 16	KVZ 12	--	KVZ16/12	KVZ 16	KVZ 16	PU - 10	PU - 10	KVZ 16	KVZ 16	*	
Bitumen	--	--	--	--	--	--	--	--	--	--	--	
Vitreous enamel	+	+	--	--	+	+	+	+	+	+	--	
Epoxy resins	+	+	--	--	+	+	--	--	+	+	--	
Steel - stainless	+	+	--	--	+	+	+	+	+	+	--	
Galvanised steel	+	+	--	--	+	+	+	+	+	+	--	
Natural stone	--	--	--	KVZ 16	+	+	--	--	+	+	*	
Wood	+	+	--	KVZ 16	+	+	+	+	+	+	*	
Marble	--	--	--	+	+	+	--	--	+	+	*	
Brass	+	+	--	--	+	+	+	+	+	+	--	
Brick	+	+	--	KVZ 16	+	+	+	+	+	+	*	
Glazed tiles	+	+	+	--	+	+	+	+	+	+	--	
Non-glazed tiles	+	+	+	+	+	+	+	+	+	+	--	
Plexiglas	PL	PL	--	--	+	PL	--	--	--	--	--	
Polycarbonate	--	+	--	--	+	+	+	+	+	--	--	
Polyester	+	+	+	--	+	+	--	--	+	+	--	
Polyethylene	--	--	--	--	--	--	--	--	--	--	--	
ABS	--	+	--	--	+	PL	--	--	--	--	--	
PVC hard	+	+	--	--	+	+	+	+	+	+	--	
Glass	+	+	+	--	+	+	+	+	+	+	--	
EPS	+	+	--	--	+	+	--	--	+	+	*	
Lead	+	+	--	--	+	+	+	+	+	+	--	
Teflon	--	--	--	--	--	--	--	--	--	--	--	
Iron	+	+	--	--	+	+	+	+	+	+	--	

Information box:

KVZ-12 = use primer KVZ 12

KVZ-16 = use primer KVZ 16

PU-10 = use primer PU - 10

PL = use primer PL

- = usage not recommended

+ = good adhesive qualities without primer

* = see the technical data for Tekadom Acrylic sealant

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PACKAGING

Pimer KVZ 12	one piece of A component 130g + B component 65g
Primer KVZ 16	one piece of 0.180 kg, 1l=0.758 kg, 5l=5,780 kg
Primer PU 10	one piece of 0.180 kg, 1l=0.920 kg
Primer PL	one piece of 0.200 kg

STORAGE

12 months – if kept in a dry space at normal temperatures
in the original packaging.

SAFETY PRECAUTIONS

Keep the primer away of sources of ignition in a cool and
well ventilated space. In case of contact with eyes, rinse
immediately with plenty of water and seek medical advice.
Use of protective gloves is imperative. Use only in well
ventilated spaces.

PRECAUTIONS

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.