

# TEKASIL COLOR

## PROPERTIES

- non yellowing
- long term mould resistant due to special admixture
- does not slump in vertical joints
- excellent adhesion to many materials: concrete, brick, wood, steel, aluminium, different types of plastic, foam concrete, ceramics, plasterboards, glass, clinker, metal, porcelain, styrofoam, enamel without primer application
- for better adhesion onto porous materials use primer kvz 16
- not adhere to some plastics such as polyethylene, ptfе and bitumen
- excellent mechanical properties
- movement accommodation up to 25%
- excellent weathering, ageing and uv-resistant
- excellent soap and detergents resistance
- does not cause corrosion
- good compatibility with paints
- can not be over-painted
- wide selection of colours: transparent, white, jasmin, bahamabeige, caramel, brown, manhattan, grey, antracit, black

## TESTS AND CERTIFICATES

EN 15651-1:2012 F-EXT-INT-CC – CE marking,  
EN 15651-2:2012 G-CC – CE marking,  
EN 15651-3:2012 S – CE marking,  
EN 15651-4:2012 PW-INT – CE marking,

## USE

- ideal for sealing expansion joints in bathrooms, kitchens, showers, tiled areas, worktops, sinks and basins
- glazing and bonding in shower cabin during production
- sealing joints between tiles, tube and shower cabin during installation
- sealing joints between window frames and doors made of different materials, shelves and the wall, blind casings,
- for the installation of roof windows.



## Tekasil Color

is a neutral, mould-resistant silicone sealant for bathrooms and kitchens with great tooling characteristics and excellent adhesion on many substrates even without primer.



**sanitar  
protect**

**10** years  
warranty

ready  
to use **6h**

**super  
grip**

## TECHNICAL DATA

### *Fresh sealant*

Basis		neutral silicone
Appearance		paste
Curing mechanism		by air humidity
Specific gravity		1010±20kg/m <sup>3</sup> (transp.) 1310±20kg/m <sup>3</sup> (coloured)
Skin formation time	23°C/50% rel. humid.	7min
Hardening time	23°C/50% rel. humid.	2mm/day
Resistance to flow	ISO 7390	0mm
Application temperature		between +5°C and +40°C

### *Cured sealant*

Hardness Shore A	ISO 868	>25
Tensile strength	ISO 8339	0,5–0,8MPa
Elongation at break	ISO 8339	150–250%
Tensile strength	ISO 37	>1,20MPa
Elongation at break	ISO 37	300–400%
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.

How to the apply silicone sealants properly:

1. Clean joint surfaces to remove dirt, dust, oils, wax, paints, and other contamination capable of affecting primer and sealant bond. Pre-treat porous surfaces using PRIMER KVZ 16 or PRIMER KVZ 12 in the case of prolonged immersion in water.
2. Apply masking tape to adjacent surfaces when required to prevent damage to finishes from sealant installation.
3. Install the backing material – TEKATRAK BACK FILLING TAPE- to achieve optimal elastic characteristic of the sealant. Thanks to the backing material, the silicone sealant adheres to only two sides. Movement is thereby well absorbed. Moving joints should be designed to an optimum width to depth ratio 2:1, maximum 1:1. The minimum joint width is 6 mm.
4. Cut the screwed end of the cartridge, but keep the threads to screw the nozzle. Cut the nozzle of the cartridge at right angle, a little narrower than the width of the desired joint. Insert cartridge into caulking gun or compressed air gun.
5. Apply sealant with an uniform and adequate pressure. During work interruption release the handle on the gun and pull the piston back.
6. Smooth the silicone sealant and remove any excess silicone sealant immediately after being applied using a moistened spatula. Moisten the smoothing instrument and freshly applied sealant with TTK Smoothing Agent. You have to smooth the sealant before the skin starts to form, i.e. within the time which is shorter than the tack free time.
7. Remove the masking tape before a skin forms.
8. Clean up uncured sealant and tools immediately with appropriate cleaner (TEKA CLEANER or TEKAFIN CLEANER. Hardened sealant should be removed mechanically first and then with a cleaner for hardened silicone - Tekapursil S or Tekasol Apursil.

The fungicide is rinsed with water. To extend mould resistance dry the joint each time and ensure good ventilation.

### *Estimate consumption table*

Joint width x depth (mm)	Consumption per linear meter	Linear meters done with one cartridge
6x6	36ml	7,7
8x8	64ml	4,3
10x10	100ml	2,8
15x10	150ml	1,8
20x10	200ml	1,4

## PACKAGING

- 300 ml cartridge
- 600ml, sausage
- other packaging are available by agreement

## STORAGE

18 months in a dry and cold place under 25°C in originally closed packaging, sausages 18 months.

## 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.

