

## Technical Information Sheet

### Article No. 7560

# Silicone BUW

**Joint sealing compound on a silicone rubber-base.**

Cross-linking system: alkoxy system.

#### Range of use

For use in permanently wet areas. Also for sealing work that requires special mechanical or pressure loading capacity or high chemical or bacterial resistance, e.g. swimming pools, water reservoirs, joints in slaughter houses, dairies, cool storage facilities, medical treatment facilities or animal feed silos.

#### Property profile

Silicone BUW is a high grade joint sealing compound with average Shore hardness that cross-links under the influence of humidity. Due to its dense structure, it is an especially mechanically and chemically resistant sealing material. Test certificates available.

#### Substrate

The joint sides must be load bearing, dry, clean and free of oil and grease.

For expansion joints, keep dimensions according to DIN 18540, i.e. joint depth should be about one third less than joint width. Joints with pressure loads (floor joints, underwater joints) should be constructed with a square cross section generally at least 2 cm deep. Joints that are too deep should be tamped with Remmers Backing Rods to the correct depth.

#### Characteristic data of the product

Density:	1.0 g/ml at +20° C
Skin formation time:	approx. 10 min.
Working temperature:	approx. +10° C to +35° C.
Hardening rate:	2 mm/day
Expansion-stress value 100% (DIN 52 455-A1):	0.35 N/mm <sup>2</sup>
Expansion-stress value 25% (DIN 52 455-A1):	0.14 N/mm <sup>2</sup>
Recovery (DIN 52 485-BR-1-100):	> 90%
Volume shrinkage (DIN 52 451-A):	approx. – 6 %
Permissible total deformation:	± 20%
Tones:	according to Product Programme

For joints with pressure loads, tamping should be sufficiently stable so that the upcoming pressure from top can be compensated sufficiently.

#### Adhesive primer:

The joint sides should always be primed with Remmers Underwater Primer first. Matt damp joint sides should be primed with Epoxy MT 100 first. Observe flash off time.

#### Directions

Open the cartridge and cut off the nozzle at an angle corresponding to the width of the joint. Fill the joint with Silicone BUW. Apply the material to the sides of the joints

with sufficient pressure, then smooth with a moist spatula.

#### Notes

Do not use Silicone BUW at object temperatures below +10° C. Do not bring Silicone BUW in contact with bitumen or tar-based materials.

The values given for skin formation time and the hardening rate depend on how long the product has been stored and change with the age of the product.

### Tools and cleaning

Hand or compressed air gun, brush, spatula, jointer, adhesive tape.  
Clean while fresh with V 101. After vulcanisation, it can only be removed mechanically, if necessary after swelling.

### Packaging, application and storage

#### Packaging:

310 ml cartridges  
12 cartridges/carton.

#### Application rate:

100 ml/running m for a joint cross section of 1 x 1 cm.

#### Storage:

At least 12 months in unopened, original cartridges, stored cool and dry.

### Safety, ecology, disposal

Further information concerning safety during transport, storage and handling as well as for disposal and ecology is found in the latest Safety Data Sheet.

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.

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