

Silcon BC

Neutral cure silicone for use with concrete or masonry.

USES

Silcon BC is a one part silicone sealant for sealing of joints in brickwork, concrete and other masonry surfaces.

ADVANTAGES

- One part ready to use
- Excellent adhesive properties
- Low modulus
- Suitable also for wood, plastics, glass, and other common construction materials
- Excellent resistance to weathering

PRODUCT DATA

Property	Value
Hardness Shore A	25
Tensile Strength	2 MPA (290 psi)
Task safe time	5 - 10 hours
Movement Accommodation	
Factor	± 50%
Staining on concrete	None
UV & ozone resistance	Excellent

SURFACE PREPARATION

All surfaces must be clean, dry, sound and free from dust, rust, oil or any other contaminant.

Metals should be cleaned with a non oily solvent soaked clean cloth. Solvent should be wiped from the surface with a clean dry cloth. Use alcohol such

as methylated spirit on glass. For plastics contact Aftek for a recommended cleaning solvent.

JOINT DESIGN

Joints up to 12mm wide should have a sealant depth equal to the joint width. A joint size above 12mm should have a width to depth ratio of 2:1. AFTEK backer rod can be placed in joints to achieve the correct depth. In shallow joints use a bond breaker tape.

PRIMER

Silicon BC has primerless characteristics to many common construction materials. However, some materials such as concrete, mill finish aluminium, galvanised steel and other materials with variable surface characteristics and porosity often require priming. Trial applications should be made to check adhesion. On porous masonry surfaces use AFTEK Primer BC.

APPLICATION

Cut nozzle at 45 degree angle slightly wider than the required bead. Extrude sealant with a gun and tool off within 5 min. using a round spatula to ensure spread of the sealant against joint surfaces. When it is necessary to produce a neat appearance masking tape is recommended. This should be removed immediately after tooling before a skin forms.

SILCON BC

LIMITATIONS

Silcon BC should not be applied to surfaces in:

- Continuous water immersion
- Concrete surfaces which contain residual form oil or other bond breaking contaminants that may interfere with sealant adhesion.
- Building materials that bleed oil, solvent or other contaminants.
- Unprepared, wet or damp surfaces.

Do not use water for tooling.

HEALTH AND SAFETY

Contact with uncured product will irritate eyes.

In case of eye contact, immediately flush with water for 15 mins. and seek medical attention.

Use in a well ventilated area. Keep of reach of children.

Avoid contact with skin or clothing.

NOTE

Material Safety Data Sheets for these and all AFTEK products are available on request. Read the MSDS and product label clearly before using

All reasonable care is taken in the compilation of this data sheet. All recommendations regarding use are made without guarantee as the conditions of use are beyond the control of the manufacturer.