

# Sikaflex sealants

## SPECIFICATIONS

### Federal

Federal Spec TT-S-00230C, Type II, Class A

Sikaflex 1a  
Sikaflex 15LM\*

Federal Spec TT-S-00230C, Type I, Class A  
(for mortar)

Sikaflex 1CSL

Federal Spec TT-S-001543A, Type NS

Sikaflex 15LM\*+

Federal Spec TT-S-00227E, Type II, Class A

Sikaflex 2c NS\*\*

Federal Spec TT-S-00227E, Type I, Class A

Sikaflex 2c SL

### ASTM

ASTM C-920, Type M, Grade NS, Class 25

Sikaflex 2c NS\*\*

ASTM C-920, Type M, Grade P, Class 25  
Use T, NT, M, G, A, O

Sikaflex 2c SL\*\*

ASTM C0920, Type S, Grade NS, Class 25  
Use T, NT, M, G, A, O

Sikaflex 1a

ASTM C-920, Type S, Grade NS, Class 25  
Use T\*\*\*, NT, M, G, A, O

Sikaflex 15LM\*

ASTM C-920, Type S, Grade P, Class 25  
Use T, M

Sikaflex 1CSL

ASTM C-9920, Type S, Grade NS, Class 12  
Use T, NT, M, A

Sikaflex TR

## DEFINITIONS

### Federal Specifications

**Type I** – Self-leveling, pour grade

**Type II** – Non-sag, gun grade

**Type NS** – Non-sag, gun grade

**Class A** - +25%, -25% expansion – contraction

### ASTM Specifications

**Type S** – A single-component sealant

**Type M** – A multi-component sealant

**Grade P** – A pourable or self-leveling sealant

**Grade NS** – A non-sag or gunnable sealant

**Class 25** – A sealant that, when tested for adhesion or cohesion under cyclic movement shall withstand an increase and decrease of at least 25% of the joint width as measured at the time of application, and, in addition, meet all the requirements of this specification.

**Class 12** – A sealant that, when tested for adhesion and cohesion under cyclic movement shall withstand an increase and decrease of at least 12% of the joint width as measured at the time of application, and, in addition, meet all the requirements of this specification.

Use T – A sealant designed for use in joints in pedestrian and vehicular traffic areas such as walkways, plazas, decks and parking garages.

Use NT – A sealant designed for use in joints in non-traffic areas.

Use M – A sealant that meets the bond requirements of this specification when tested on mortar specimens.

Use G – A sealant that meets the bond requirements of this specification when tested on glass specimens.

Use A – A sealant that meets the bond requirements of this specification when tested on aluminum specimens.

Use O – A sealant that meets the bond requirements on this specification when tested on substrates other than the standard substrates, being glass, aluminum, mortar.

\* Sikaflex – 15LM – joint movement capability = +100%, 50% expansion – contraction

\*\* Sikaflex – 2cNS/SL – joint movement capability = +50%, -50% expansion – contraction

\*\*\* Sikaflex – 15LM is considered appropriate for roadway joints providing the sikaflex 15LM is recessed in the joint to a minimum of ¼ in. from the surface. Joint dimension should allow for ¼ in. minimum and ½ in. maximum thickness for sealant.

+ TT-S-001543A is written for silicone-based sealants only.