



4225 W. Ogden Ave. • Chicago, IL 60623 • Phone: (773) 522-1900

SIKADUR ANCHOR FIX-1

DESCRIPTION

Sikadur Anchor Fix-1 is a two-component, solvent- and styrene-free, modified acrylic, anchoring adhesive.

WHERE TO USE

As a fast-curing anchoring adhesive for all grades of rebars, threaded rods, bolts, and special fastening systems

ADVANTAGES

- Low sensitivity to mixing errors
- Fast curing
- Styrene-free
- Low odor
- Low waste
- Can be dispensed/mixed with a standard, good quality caulking gun.

PACKAGING

10 fl. Oz. two-component collapsible cartridge in cartridge system. Ready-to-use with a standard good quality caulking gun.

TYPICAL DATA FOR SIKADUR ANCHOR FIX-1

SHELF LIFE	Best when used within 12 months of manufacturing date.
COLOR	Comp. A: White Comp. B: Black Comp. A+B mixed: light gray
CONSISTENCY	Creamy paste
APPLICATION TEMPERATURES	Substrate and ambient 14-86°F

LOAD CAPACITY

Anchor diameter	Hole diameter	Depth of Embedment	Base Material Thickness	Anchor Spacing	Edge Distance (Tension)	Edge Distance (Shear)	Allowable Tension Load in 4000 psi concrete
(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(lbs.)
5/16	3/8	3	4	2 1/2	1 7/8	3 3/4	1120
3/8	7/16	3 1/2	4	3	4 1/2	4 1/2	1840
1/2	9/16	4 1/4	5	4	6	6	2340
5/8	3/4	5	6	5	7 1/2	7 1/2	3300
3/4	7/8	6 3/4	8	6	9	9	4740
1	1 1/8	8 1/4	10	8	12	12	6020

GEL AND CURING TIMES

Application Temperature	Gel Time	Cure Time
14F	80 min.	24 hrs.
41F	50 min.	200 min.
50F	22 min.	150 min.
68F	7 min.	50 min.
86F	3 min.	25 min.

Solid

Methods of Use

- Drill the hole to the correct diameter and depth using a rotary percussive machine.
- Clean the hole using a stiff wire or nylon brush and clean compressed air or blow pump.
- Unscrew the cap.
- Pull the red plug.
- Cut the film to remove the red plug.
- Attach the mixer nozzle.
- Insert the cartridge into the applicator gun. Dispense the first part of the adhesive to waste until an even color is achieved.
- Insert the mixer nozzle to the far end of the hole and half fill hole (depending upon application). Withdraw nozzle as you fill the hole. For deep holes extension tubing can be used.
- Immediately insert the fixing.
- This should be done slowly with a slight twisting motion. Excess resin should be removed from the mouth of the hole before it sets.
- Leave the fixing undisturbed until loading time has elapsed, then attach the fixture and tighten the nut.

Hollow

- Drill the hole to the correct diameter and depth. This can be done with either a rotary percussive or rotary machine depending upon the substrate.
- Insert the correct perforated sleeve.
- Unscrew the cap.
- Pull the red plug.
- Cut the film to remove the red plug.
- Attach the mixer nozzle.
- Insert the cartridge into the applicator gun. Dispense the first part of the adhesive to waste until an even color is achieved.
- Insert mixer nozzle to the far end of the perforated sleeve and completely fill the sleeve with resin. Withdraw the mixer nozzle as the sleeve fills.
- Immediately insert the fixing. This should be done slowly with a slight twisting motion. Leave the fixing undisturbed until the loading time has elapsed, then attach the fixture and tighten the nut.

2010-10-10