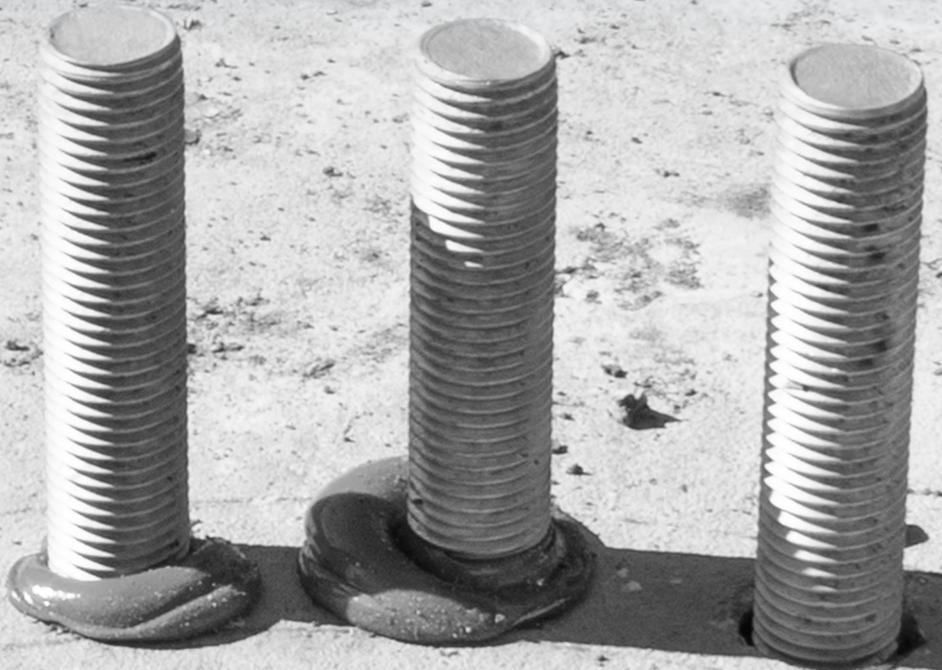


**NEW
APPROVALS**

ALLFASTENERS [®] **A**

Allfasteners.com/EF600.html



HIGH PERFORMANCE STRUCTURAL PURE EPOXY

EF600

HIGH PERFORMING STRUCTURAL ADHESIVE INJECTION SYSTEM

EF600 High Performance Structural Pure Epoxy is a two-part component 100% epoxy based chemical anchoring system. It's designed for the most demanding structural applications and rebar connections.

EF600 can be used in dry, wet and submerged applications making it great for just about any application. Due to its high load-bearing capacity and longer working times, EF600 is ideal for deep embedment, large diameter holes and high ambient temperatures.



MADE IN THE USA

BENEFITS & SPECIFICATIONS

- For Cracked & Un-cracked Concrete
- Use with Core Drilled Holes
- Suitable for Dry, Wet or Flooded Holes
- Fast Cure Times
- Rated for Seismic Loads A-F
- Leed Compliant
- Made in the USA



CRACKED CONCRETE



SEISMIC A-F



CORE DRILLED HOLES



UNCRACKED CONCRETE



FAST CURE



DRY, WET, FLOODED

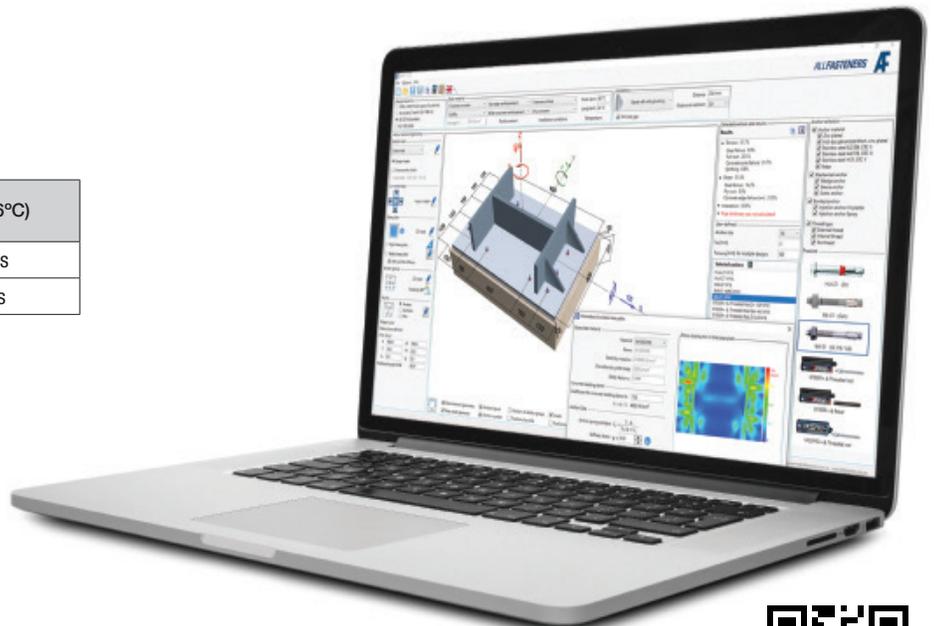
WORKING TIMES*

Base Material Temp °F (°C)	110°F (43°C)	75°F (24°C)	43°F (6°C)
Working Time	3 mins	16 mins	45 mins
Cure Time	2 hrs	7 hrs	144 hrs

*Condition (warm) cartridge to 40°F (4°C) - 95°F (35°C) for installation below 70°F (21°C). Storage: between 40°F (4°C) to 95°F (35°C).

APPLICATIONS

- For Use with Multiple Anchor Types: Threaded Rod, Rebar & Internally Threaded Inserts
- Application: For Use with Rebar and Threaded Rod Fastening to Concrete
- Compatible with Allfasteners' AFOS Design Software



ALLFASTENERS' APPROVALS



ICC ESR 4732



NJ DOT



NY STATE DOT



LEED Compliant

✓ International Residential Code (IRC)

✓ International Building Code (IBC)

Allfasteners proudly stands by their products, especially our Adhesive Anchoring Systems. **EF600** is not only one of our best chemical anchor to date, but also boasts some of our most prestigious approvals. These include, ICC-ES approvals, LEED compliancy, IRC and IBC compliancy and **now DOT approvals** for several locations.



New Jersey Department of Transportation
Bureau Of Materials

Material: EPOXY BEDDING COMPOUND C881 TY 4
Sample Type: QPL For Approval
Project #:
Project Name:
Sample ID: TPJSADE214R091449
Sampled By: Jamshid Sadeghadi
Sample Date: 04/27/2021
Log Date: 04/27/2021

Product Name: EF600
Intended Use:
Type, Grade, Class:
Lot Number:
Manufacturer: ALLFASTENERS USA - CARLSTADT, NJ
Sample Taken From:
Marks on Sample: EF600

LB 414 - Analysis of Epoxy for Qualified Products List

Tests	Test Method	Date Tested	Result	Min	Max
Consistency Test, Flow (in) Grade 3 Epoxies Only	ASTM C 881	05/19/2021	0.000		0.25
Gel Time (min.) Manual Mixing Automatic Mixing	ASTM C 881	05/13/2021	NT 11		5
Bond Strength (psi) @ 2 days @ 14 days	ASTM C 882	05/21/2021 06/02/2021	2880 3250	1000 1500	
Compressive Yield Strength (psi) @ 28 hours @ 72 hours @ 7 days	ASTM D 695	05/25/2021	NT NT 14640		10000
Absorption (%)	ASTM D 570	06/11/2021	0.10		1.0
Contact Strength (psi) Type 3 Epoxies Only	ASTM C 881				

Remarks:

Sample Status: Pass / Comply
Authorized By: Jamshid Sadeghadi 06/11/2021

NJDOT, P.O. Box 607, Trenton NJ 08625-0607 NJDOT Form: LB414QPL
Current Date: 06/11/2021

State of New Jersey
DEPARTMENT OF TRANSPORTATION
P.O. Box 600
Trenton, New Jersey 08625-0600
DIANE GUTERREZ-SCACCETTI
Commissioner

IN REPLY PLEASE REFER TO:
Allfasteners USA
Medina, OH
EF600

Department of Transportation (NJDOT) has considered your April 2021 request Producer List (QPL) approval of the following product:
Compound – Type 4
0
3,250 psi at 14 days, compressive strength 14,640 psi at 7 days.
ched test report for sample TPJSADE214R091449.
which are attached for your review, this material complies with New Jersey ortation requirements and approval is granted for use on NJDOT sponsored ed by the specifications. This approval is contingent upon continued quality odic testing by the Bureau of Materials. If you have any questions please -5307.

Sincerely,
Ryan Rathbun
Ryan Rathbun
Aggregates and Cement Section
for Edward Imman
Manager, Bureau of Materials

i, Central File
PROVING LIVES BY IMPROVING TRANSPORTATION™
Equal Opportunity Employer • Printed on Recycled and Recyclable Paper

EF600



Get All The ACCESSORIES



1:1 EPOXY APPLICATOR GUN 20OZ/600ML

Part #	Size	Qty
13CAG600	20oz Applicator Gun	1



NYLON SCREEN TUBE

Part #	Size	Qty
1HBP	Multiple Sizes Available	1



HOLE CLEARING HAND PUMP

Part #	Qty
1BPUMP	1



NYLON BRISTLE HOLE CLEARING BRUSH

Part #	Size	Qty
11B012	1/2" Brush	1



ENDURO SDS-PLUS 4 CUTTER BITS

Part #	Size	Qty
5DSPE	Multiple Sizes Available	1



EPOXY INJECTION MIXING NOZZLE

Part #	Qty
1SN10	1

A Full System for ALL APPLICATIONS

EF600 can be used in most substrates that require a high strength adhesive anchor including:

- Concrete
- Brick
- Cinder Block
- Masonry

Allfasteners also has the [Epoxy Calculator](#) to estimate the required number of cartridges needed for standard threaded stud sizes with EF600.

Check out Allfasteners Epoxy Calculator on allfasteners.com



ALLFASTENERS' COMPARISON



ALLFASTENERS®



	EF600 ESR-4732	RE 500 V3 ESR-4094	PURE110+ ESR-3298	SET-XP ESR-2508
BUILDING CODE COMPLIANT (IBC/IRC)	✓	✓	✓	✓
MADE IN THE USA	✓	X	X	✓
WITHSTAND TEMPERATURES > 200°F	✓	X	X	X
CORE-DRILLED HOLES (SD)	✓	✓	X	X
NSF/ANSI 61 & 372 DRINKING WATER & LEAD FREE	✓	X	X	X
THREADED ROD, REBAR & INTERNALLY THREADED INSERTS	✓	✓	X	X
NO HOLE CLEANING W/VACUUM DRILL BITS	✓	✓	✓	✓
TESTED FOR USE WITH BATTERY DISPENSING TOOLS	✓	✓	✓	✓
FULL CURE @ 75°F IN 7 HOURS OR LESS	✓	✓	X	X
UNCRAKED BOND STRENGTH (AVG), 176+ SHORT TERM TEMP, NO SUSTAINED LOAD (PSI)	1,925	1,460	1,190	N/A*
CRACKED BOND STRENGTH (AVG), 176+ SHORT TERM TEMP, NO SUSTAINED LOAD (PSI)	1,170	855	880	N/A*

*Simpson SET-XP limited to a maximum short-term temperature of 150°F and therefore is not applicable for this comparison to products which can be designed to higher temperatures.

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ALLFASTENERS **A**[®]



Locations Nationwide: **888.859.6060**



Online Ordering 24/7 at **Allfasteners.com**

