



## State of New Jersey

DEPARTMENT OF TRANSPORTATION  
P.O. Box 600  
Trenton, New Jersey 08625-0600

PHILIP D. MURPHY  
*Governor*

DIANE GUTIERREZ-SCACCETTI  
*Commissioner*

SHEILA Y. OLIVER  
*Lt. Governor*

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

June 22, 2021

Greg Walker  
Allfasteners USA  
480 Meadow Lane  
Carlstadt, NJ 07071

Dear Mr. Walker:

The New Jersey Department of Transportation (NJDOT) has considered your April 2021 request for NJDOT Qualified Producer List (QPL) approval of the following product:

**Type:** Epoxy Bedding Compound – Type 4

**Product Name:** EF600

**Notes:** Bond strength 3,250 psi at 14 days, compressive strength 14,640 psi at 7 days.

Please refer to the attached test report for sample **TPJSADE214R091449**.

Based on test results, which are attached for your review, this material complies with New Jersey Department of Transportation requirements and approval is granted for use on NJDOT sponsored projects, when permitted by the specifications. This approval is contingent upon continued quality and the results of periodic testing by the Bureau of Materials. If you have any questions please contact me at 609-530-5307.

Sincerely,

*Ryan Rathbun*

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

cc: J. Sadeghiadl, H. Desai, Central File



**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.Sadeghiadl  
 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**

<u>Tests</u>	<u>Test Method</u>	<u>Date Tested</u>	<u>Result</u>	<u>Min</u>	<u>Max</u>
<b>Consistency Test, Flow (in)</b> Grade 3 Epoxies Only	ASTM C 881	05/19/2021	0.000		0.25
<b>Gel Time (min.)</b> Manual Mixing	ASTM C 881		N/T		
Automatic Mixing		05/13/2021	11	5	
<b>Bond Strength (psi)</b> @ 2 days	ASTM C 882	05/21/2021	2890	1000	
@ 14 days		06/02/2021	3250	1500	
<b>Compressive Yield Strength (psi)</b> @ 36 hours	ASTM D 695		N/T		
@ 72 hours			N/T		
@ 7 days		05/25/2021	14640	10000	
<b>Absorption (%)</b>	ASTM D 570	06/11/2021	0.10		1.0
<b>Contact Strength (psi)</b> Type 7 Epoxies Only	ASTM C 881				

Remarks:

Sample Status: Pass / Comply

Authorized By: Jamshid.Sadeghiadl

06/11/2021