

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

**FORM S-8  
REGISTRATION STATEMENT**  
*Under*  
**THE SECURITIES ACT OF 1933**

**Rexford Industrial Realty, Inc.**  
(Exact name of registrant as specified in its charter)

**Maryland**  
(State or other jurisdiction of  
incorporation or organization)

**46-2024407**  
(I.R.S. Employer  
Identification No.)

**11620 Wilshire Boulevard, Suite 300, Los Angeles, California 90025**  
(Address of Principal Executive Offices) (Zip Code)

**Rexford Industrial Realty, Inc. and Rexford Industrial Realty, L.P. 2013 Incentive Award Plan**  
(Full title of the plan)

**Howard Schwimmer  
Michael S. Frankel  
Co-Chief Executive Officers  
Rexford Industrial Realty, Inc.  
11620 Wilshire Boulevard, Suite 300  
Los Angeles, CA 90025**  
(Name and address of agent for service)

**(310) 966-1680**  
(Telephone number, including area code, of agent for service)

*Copy to:*

**Julian T.H. Kleindorfer, Esq.  
Bradley A. Helms, Esq.  
Latham & Watkins LLP  
355 South Grand Avenue  
Los Angeles, California 90071  
Tel: (213) 485-1234  
Fax: (213) 891-8763**

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" or a "smaller reporting company" in Rule 12-b2 of the Exchange Act.

Large accelerated filer  Accelerated filer   
Non-accelerated filer  (Do not check if smaller reporting company.) Smaller reporting company

**CALCULATION OF REGISTRATION FEE**

Title of securities to be registered	Amount to be registered (1)	Proposed maximum offering price per share (2)	Proposed maximum aggregate offering price (2)	Amount of registration fee
Common Stock, par value \$0.01 per share	2,272,689	\$15.00	\$34,090,335	\$4,650
Total	2,272,689			\$4,650

- (1) Represents 2,272,689 shares of the Registrant's common stock ("Common Stock") issuable under the Rexford Industrial Realty, Inc. and Rexford Industrial Realty, L.P. 2013 Incentive Award Plan (the "Plan"). Pursuant to Rule 416(a) under the Securities Act of 1933, as amended (the "Securities Act"), this Registration Statement shall also cover any additional shares of Common Stock that become issuable under the Plan by reason of any stock dividend, stock split, recapitalization or similar transaction effected without the Registrant's receipt of consideration which would increase the number of outstanding shares of Common Stock.
- (2) Estimated solely for the purpose of calculating the registration fee pursuant to Rules 457(c) and 457(h) of the Securities Act. For the 2,272,689 shares of Common Stock reserved for issuance upon the exercise of outstanding awards granted under the Plan, the proposed maximum offering price per share is \$15.00, which is the maximum estimated initial public offering price of our Common Stock.

**PART I**  
**INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS**

**Item 1. Plan Information.\***

**Item 2. Registrant Information and Employee Plan Annual Information.\***

- \* The document(s) containing the information specified in this Part I will be sent or given to participants in the Rexford Industrial Realty, Inc. and Rexford Industrial Realty, L.P. 2013 Incentive Award Plan in accordance with Rule 428(b)(1) under the Securities Act. Such documents need not be filed with the Securities and Exchange Commission (the "Commission") either as part of this Registration Statement or as prospectuses or prospectus supplements pursuant to Rule 424 promulgated under the Securities Act. These document(s) and the documents incorporated by reference in this Registration Statement pursuant to Item 3 of Part II hereof, taken together, constitute a prospectus that meets the requirements of Section 10(a) of the Securities Act.

**PART II**  
**INFORMATION REQUIRED IN THE REGISTRATION STATEMENT**

**Item 3. Incorporation of Documents by Reference.**

The following documents filed by Rexford Industrial Realty, Inc., a Maryland corporation (referred to herein as "we," the "Registrant," or the "Company" ), with the Commission pursuant to the Securities Exchange Act of 1934, as amended (the "Exchange Act"), are hereby incorporated by reference in, and shall be deemed to be a part of, this Registration Statement:

- (a) The Company's prospectus filed pursuant to Rule 424(b)(4) under the Securities Act on July 22, 2013.
- (b) The description of the Company's common stock, \$0.01 par value per share, contained in the Company's Registration Statement on Form 8-A filed under the Exchange Act on July 17, 2013.

All documents filed by the Company pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act, prior to the filing of a post-effective amendment that indicates that all securities offered have been sold, or which deregisters all securities then remaining unsold, are incorporated by reference in this Registration Statement and to be part hereof from the date of filing of such documents.

Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained herein, or in any subsequently filed document which also is or is deemed to be incorporated by reference herein, modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute part of this Registration Statement.

**Item 4. Description of Securities.**

Not applicable.

**Item 5. Interests of Named Experts and Counsel.**

Not applicable.

**Item 6. Indemnification of Directors and Officers.**

Maryland law permits a Maryland corporation to include in its charter a provision limiting the liability of its directors and officers to the corporation and its stockholders for money damages except for liability resulting from (a) actual receipt of an improper benefit or profit in money, property or services or (b) active and deliberate dishonesty that is established by a final judgment and is material to the cause of action. The Company's charter contains a provision which eliminates its directors' and officers' liability to the maximum extent permitted by Maryland law.

Maryland law requires a Maryland corporation (unless its charter provides otherwise, which the Company's charter does not) to indemnify a director or officer who has been successful in the defense of any proceeding to which he or she is made a party by reason of his or her service in that capacity. Maryland law permits a Maryland corporation to indemnify its present and former directors and officers, among others, against judgments, penalties, fines, settlements and reasonable expenses actually incurred by them in connection with any proceeding to which they may be made or threatened to be made a party by reason of their service in those or other capacities unless it is established that: (a) the act or omission of the director or officer was material to the matter giving rise to the proceeding and (i) was committed in bad faith or (ii) was the result of active and deliberate dishonesty; (b) the director or officer actually received an improper personal benefit in money, property or services; or (c) in the case of any criminal proceeding, the director or officer had reasonable cause to believe that the act or omission was unlawful. However, under Maryland law, a Maryland corporation may not indemnify for an adverse judgment in a suit by or in the right of the corporation or for a judgment of liability on the basis that personal benefit was improperly received, unless in either case a court orders indemnification and then only for expenses. In addition, Maryland law permits a Maryland corporation to advance reasonable expenses to a director or officer upon the corporation's receipt of (a) a written affirmation by the director or officer of his or her good faith belief that he or she has met the standard of conduct necessary for indemnification by the corporation and (b) a written undertaking by him or her or on his or her behalf to repay the amount paid or reimbursed by the corporation if it is ultimately determined that the standard of conduct was not met.

The Company's charter authorizes it to obligate itself, and the Company's bylaws obligate it, to the maximum extent permitted by Maryland law, to indemnify any present or former director or officer or any individual who, while a director or officer of the Company and at the Company's request, serves or has served as a director, officer, partner, trustee, member or manager of

another corporation, real estate investment trust, limited liability company, partnership, joint venture, trust, employee benefit plan or other enterprise and who is made or threatened to be made a party to, or witness in, the proceeding by reason of his or her service in that capacity from and against any claim or liability to which that individual may become subject or which that individual may incur by reason of his or her service in any of the foregoing capacities and to pay or reimburse his or her reasonable expenses in advance of final disposition of a proceeding. The Company's charter and bylaws also permit the Company to indemnify and advance expenses to any individual who served a predecessor of the Company in any of the capacities described above and any employees or agents of the Company or a predecessor of the Company.

In addition, the Company's directors and officers are indemnified for specified liabilities and expenses pursuant to the partnership agreement of Rexford Industrial Realty, L.P., the partnership of which the Company serves as sole general partner.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers or persons controlling the Company pursuant to the foregoing provisions, the Company has been informed that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is therefore unenforceable.

The Company has entered or expects to enter into customary indemnification agreements with each of its directors and executive officers that obligate the Company to indemnify them to the maximum extent permitted under Maryland law. The agreements require the Company to indemnify the director or executive officer, or the indemnitee, against all judgments, penalties, fines and amounts paid in settlement and all expenses actually and reasonably incurred by the indemnitee or on his or her behalf in connection with a proceeding (including in any proceeding brought by the director or executive officer to enforce his or her rights under the indemnification agreement) to which the director or executive officer is, or is threatened to be, or otherwise becomes involved in, as a result of his or her service to the Company, in those or certain other capacities. The indemnitee will not be entitled to indemnification if it is established that one of the prohibitions on indemnification under Maryland law exists. In addition, the indemnification agreements require the Company to advance reasonable expenses actually incurred by or on behalf of the indemnitee within ten days of the receipt by the Company of a statement from the indemnitee requesting the advance, provided the statement reasonably evidences the expenses and is accompanied by:

- a written affirmation of the indemnitee's good faith belief that he or she has met the standard of conduct necessary for indemnification; and
- a written undertaking by or on behalf of the indemnitee to repay the amount if it is ultimately determined that the standard of conduct was not met.

The indemnification agreements also provide for procedures for the determination of entitlement to indemnification, including requiring that such determination be made by independent counsel after a change in control of the Company.

We obtained an insurance policy under which our directors and executive officers will be insured, subject to the limits of the policy, against certain losses arising from claims made against such directors and officers by reason of any acts or omissions covered under such policy in their respective capacities as directors or officers, including certain liabilities under the Securities Act.

**Item 7. Exemption from Registration Claimed.**

Not applicable.

**Item 8. Exhibits.**

The attached Exhibit Index is incorporated herein by reference.

**Item 9. Undertakings.**

(a) The undersigned Registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the Registration Statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the Registration Statement. Notwithstanding the matters stated above, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed the value we registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of a prospectus filed with the Commission in accordance with Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the Registration Statement or any material change to such information in the Registration Statement.

*Provided, however,* that paragraphs (a)(1)(i) and (a)(1)(ii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed with or furnished to the Commission by the registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in the Registration Statement.

(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the Registration Statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer, or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

## SIGNATURES

Pursuant to the requirements of the Securities Act, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Los Angeles, State of California, on July 22, 2013.

REXFORD INDUSTRIAL REALTY, INC., a  
Maryland corporation

By: /s/ Howard Schwimmer

Name: Howard Schwimmer

Title: Co-Chief Executive Officer, Director

By: /s/ Michael S. Frankel

Name: Michael S. Frankel

Title: Co-Chief Executive Officer, Director

Each person whose signature appears below constitutes and appoints Howard Schwimmer and Michael S. Frankel, and each of them singly, his true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him or her and in his or her name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this registration statement and to file the same, with all exhibits thereto, and all other documents in connection therewith, with the Securities and Exchange Commission, granting unto each said attorneys-in-fact and agents full power and authority to do and perform each and every act in person, hereby ratifying and confirming all that said attorneys-in-fact and agents or either of them or their or his or her substitute or substitutes may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act, this Registration Statement has been signed by the following persons in the capacities and on the date indicated.

<b>Signature</b>	<b>Title</b>	<b>Date</b>
<u>/s/ Richard Ziman</u> <b>Richard Ziman</b>	Chairman	July 22, 2013
<u>/s/ Howard Schwimmer</u> <b>Howard Schwimmer</b>	Co-Chief Executive Officer, Director	July 22, 2013
<u>/s/ Michael S. Frankel</u> <b>Michael S. Frankel</b>	Co-Chief Executive Officer, Director	July 22, 2013
<u>/s/ Adeel Khan</u> <b>Adeel Khan</b>	Chief Financial Officer	July 22, 2013
<u>/s/ Robert L. Antin</u> <b>Robert L. Antin</b>	Director	July 22, 2013
<u>/s/ Leslie E. Bider</u> <b>Leslie E. Bider</b>	Director	July 22, 2013
<u>/s/ Steven C. Good</u> <b>Steven C. Good</b>	Director	July 22, 2013
<u>/s/ Joel S. Marcus</u> <b>Joel S. Marcus</b>	Director	July 22, 2013



**EXHIBIT INDEX**

<u>Sequentially Numbered Exhibit</u>	<u>Description</u>	<u>Incorporated by Reference</u>			
		<u>Form</u>	<u>File No.</u>	<u>Exhibit(s)</u>	<u>Filing Date</u>
4.1	Form of Certificate of Common Stock of Rexford Industrial Realty, Inc.	S-11/A	333-188806	4.1	July 15, 2013
+5.1	Opinion of Venable LLP				
+23.1	Consent of Ernst & Young LLP				
+23.2	Consent of Venable LLP (included in Exhibit 5.1)				
+24.1	Power of Attorney (included on signature page to this Registration Statement)				
99.1	Form of Rexford Industrial Realty, Inc. and Rexford Industrial Realty, L.P. 2013 Incentive Award Plan	S-11/A	333-188806	10.3	July 9, 2013

+ Filed herewith.



750 E. PRATT STREET SUITE 900 BALTIMORE, MD 21202  
T 410.244.7400 F 410.244.7742 www.Venable.com

July 22, 2013

Rexford Industrial Realty, Inc.  
11620 Wilshire Boulevard, Suite 300  
Los Angeles, CA 90025

Re: Registration Statement on Form S-8

Ladies and Gentlemen:

We have served as Maryland counsel to Rexford Industrial Realty, Inc., a Maryland corporation (the "Company"), in connection with certain matters of Maryland law arising out of the registration of 2,272,689 shares (the "Shares") of the Company's common stock, \$0.01 par value per share (the "Common Stock"), covered by the above-referenced Registration Statement, and all amendments thereto (the "Registration Statement"), filed by the Company with the United States Securities and Exchange Commission (the "Commission") under the Securities Act of 1933, as amended (the "Securities Act"). The Shares may be issued pursuant to the Rexford Industrial Realty, Inc. and Rexford Industrial Realty, L.P. 2013 Incentive Award Plan (the "Plan").

In connection with our representation of the Company, and as a basis for the opinion hereinafter set forth, we have examined originals, or copies certified or otherwise identified to our satisfaction, of the following documents (hereinafter collectively referred to as the "Documents"):

1. The Registration Statement;
2. The charter of the Company (the "Charter"), certified by the State Department of Assessments and Taxation of Maryland (the "SDAT");
3. The Amended and Restated Bylaws of the Company, certified as of the date hereof by an officer of the Company;
4. A certificate of the SDAT as to the good standing of the Company, dated as of a recent date;
5. The Plan, certified as of the date hereof by an officer of the Company;
6. Resolutions adopted by the sole stockholder of the Company approving the Plan, certified as of the date hereof by an officer of the Company;

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7. Resolutions (the "Resolutions") adopted by the Board of Directors of the Company (the "Board"), relating to the Plan and the issuance of the Shares, certified as of the date hereof by an officer of the Company;

8. A certificate executed by an officer of the Company, dated as of the date hereof; and

9. Such other documents and matters as we have deemed necessary or appropriate to express the opinion set forth below, subject to the assumptions, limitations and qualifications stated herein.

In expressing the opinion set forth below, we have assumed the following:

1. Each individual executing any of the Documents, whether on behalf of such individual or another person, is legally competent to do so.

2. Each individual executing any of the Documents on behalf of a party (other than the Company) is duly authorized to do so.

3. Each of the parties (other than the Company) executing any of the Documents has duly and validly executed and delivered each of the Documents to which such party is a signatory, and each party's obligations set forth therein are legal, valid and binding and are enforceable in accordance with all stated terms.

4. All Documents submitted to us as originals are authentic. The form and content of all Documents submitted to us as unexecuted drafts do not differ in any respect relevant to this opinion from the form and content of such Documents as executed and delivered. All Documents submitted to us as certified or photostatic copies conform to the original documents. All signatures on all Documents are genuine. All public records reviewed or relied upon by us or on our behalf are true and complete. All representations, warranties, statements and information contained in the Documents are true and complete. There has been no oral or written modification of or amendment to any of the Documents, and there has been no waiver of any provision of any of the Documents, by action or omission of the parties or otherwise.

5. Upon the issuance of any Shares, the total number of shares of Common Stock issued and outstanding will not exceed the total number of shares of Common Stock that the Company is then authorized to issue under the Charter.

6. Each option, award, right or other security exercisable or exchangeable for a Share pursuant to a Plan (each, an "Award") will be duly authorized and validly granted in accordance with the Plan, the Resolutions and any other resolutions of the Board or any duly

Rexford Industrial Realty, Inc.  
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authorized Committee thereof relating thereto, and each Award will be exercised or exchanged in accordance with the terms of the Plan and such Award, including any option or award agreement entered into in connection therewith.

7. None of the Shares will be issued in violation of any restriction or limitation contained in Article VI of the Charter or any restriction in the Plan or any applicable Award.

Based upon the foregoing, and subject to the assumptions, limitations and qualifications stated herein, it is our opinion that:

1. The Company is a corporation duly incorporated and validly existing under and by virtue of the laws of the State of Maryland and is in good standing with the SDAT.

2. The issuance of the Shares has been duly authorized and, when issued and delivered by the Company pursuant to the Resolutions, any other resolutions of the Board or any duly authorized committee thereof relating thereto, and the Plan and otherwise in accordance with the Registration Statement, the Shares will be validly issued, fully paid and nonassessable.

The foregoing opinion is limited to the laws of the State of Maryland, and we do not express any opinion herein concerning any other law. We express no opinion as to the applicability or effect of any federal or state securities laws, including the securities laws of the State of Maryland, or as to federal or state laws regarding fraudulent transfers. To the extent that any matter as to which our opinion is expressed herein would be governed by the laws of any jurisdiction other than the State of Maryland, we do not express any opinion on such matter.

The opinion expressed herein is limited to the matters specifically set forth herein and no other opinion shall be inferred beyond the matters expressly stated. We assume no obligation to supplement this opinion if any applicable law changes after the date hereof or if we become aware of any fact that might change the opinion expressed herein after the date hereof.

Rexford Industrial Realty, Inc.

July 22, 2013

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This opinion is being furnished to you for submission to the Commission as an exhibit to the Registration Statement. We hereby consent to the filing of this opinion as an exhibit to the Registration Statement and to the use of the name of our firm therein. In giving this consent, we do not admit that we are within the category of persons whose consent is required by Section 7 of the Securities Act.

Very truly yours,

/s/ Venable LLP

**Consent of Independent Registered Public Accounting Firm**

We consent to the incorporation by reference in the Registration Statement (Form S-8 filed on July 22, 2013) pertaining to the Rexford Industrial Realty, Inc. and Rexford Industrial Realty, L.P. 2013 Incentive Award Plan of (i) our report dated May 21, 2013 with respect to the consolidated balance sheet of Rexford Industrial Realty, Inc. as of March 31, 2013; (ii) our report dated March 6, 2013, except for the Combined Balance Sheets, Combined Statements of Operations, Note 2 "Summary of Significant Accounting Policies", Note 3 "Investment in Real Estate", Note 4 "Intangible Assets" and Note 6 "Notes Payable" as to which the date is May 21, 2013 with respect to the combined financial statements of Rexford Industrial Realty, Inc. Predecessor as of and for the years ended December 31, 2012 and 2011; and (iii) our report dated May 21, 2013 with respect to the statement of revenues and certain expenses of Glendale Commerce Center for the year ended December 31, 2012, all included in the Registration Statement on Form S-11 (No. 333-188806), as amended, and the related Prospectus dated July 18, 2013 of Rexford Industrial Realty, Inc. for the registration of its common stock, filed with the Securities and Exchange Commission.

/s/ Ernst & Young LLP

Los Angeles, California  
July 22, 2013