

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

**FORM 8-A**

**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES  
PURSUANT TO SECTION 12(b) OR 12(g) OF  
THE SECURITIES EXCHANGE ACT OF 1934**

**Ellington Residential Mortgage REIT**

(Exact Name of Registrant as Specified in its Charter)

**Maryland**  
(State of Incorporation)

**46-0687599**  
(IRS Employer Identification No.)

**53 Forest Avenue**  
**Old Greenwich, Connecticut**  
(Address of Principal Executive Offices)

**06870**  
(Zip Code)

**Securities registered pursuant to Section 12(b) of the Act:**

**Common Shares of Beneficial Interest, \$0.01 par value per share**

**NYSE**

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), please check the following box.

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), please check the following box.

**Securities Act registration statement file number to which this form relates (if applicable):**  
**File No. 333-187662**

**Securities registered pursuant to Section 12(g) of the Act:**  
**None.**

This filing relates to the New York Stock Exchange Original Listing Application filed by Ellington Residential Mortgage REIT (the “Registrant”) on April 5, 2013.

**Item 1. Description of Registrant’s Securities to be Registered.**

A description of the Registrant’s common shares of beneficial interest, par value \$0.01 per share, is set forth under the caption “Description of Our Shares of Beneficial Interest” in the prospectus contained in the Registration Statement on Form S-11 (Registration No. 333-187662), as initially filed with the Securities and Exchange Commission on April 1, 2013, as subsequently amended and as may be amended after the date hereof (the “Registration Statement”). Such portion of the Registration Statement is incorporated herein by reference.

**Item 2. Exhibits.**

None.

**SIGNATURE**

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

ELLINGTON RESIDENTIAL MORTGAGE REIT

Date: April 29, 2013

By: /s/ Sara Walden Brown  
Sara Walden Brown  
Secretary