

Armour Residential REIT, Inc.
Form 424B5
May 31, 2011

Filed Pursuant to Rule 424(b)(5)

Registration No. 333-173682

The information in this preliminary prospectus supplement and the accompanying prospectus is not complete and may be changed. This preliminary prospectus supplement and the accompanying prospectus are not an offer to sell these securities and are not soliciting an offer to buy these securities in any state where the offer or sale is not permitted

Subject to Completion, Dated May 31, 2011

Prospectus supplement to prospectus dated May 4, 2011

16,000,000 Shares

Common Stock

We are selling 16,000,000 shares of common stock as described in this prospectus supplement and the accompanying prospectus.

Our common stock is traded on the New York Stock Exchange, or NYSE, under the symbol ARR. The closing price of our common stock on the NYSE on May 31, 2011 was \$7.64 per share.

We have elected to be taxed as a real estate investment trust, or REIT, for U.S. federal income tax purposes, commencing with our taxable year ended December 31, 2009. To assist us in qualifying as a REIT, among other purposes, stockholders are generally restricted under our charter from beneficially owning more than 9.8% by value or number of shares, whichever is more restrictive, of our outstanding shares of common stock. In addition, our charter contains various other restrictions on the ownership and transfer of our common stock.

Investing in our common stock involves risks. You should carefully consider the risks described under Risk Factors in our most recent Annual Report on Form 10-K, as well as the other information contained or incorporated by reference in this prospectus supplement hereto and the accompanying prospectus before making a decision to invest in our common stock.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined that this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

	Per Share	Total
Public Offering Price	\$	\$
Underwriting discounts and commissions	\$	\$
Proceeds, before expenses, to us	\$	\$

We have granted the underwriters the right to purchase up to 2,400,000 additional shares of common stock.

Deutsche Bank Securities

The date of this prospectus supplement is June , 2011

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You should rely only on the information contained in or incorporated by reference in this prospectus supplement and the accompanying prospectus. We have not authorized anyone to provide you with different information. We are not making an offer of these securities in any state where the offer is not permitted. You

should not assume that the information contained in this prospectus supplement and the accompanying prospectus is accurate as of any date other than the date on the front of this prospectus supplement.

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ABOUT THIS PROSPECTUS SUPPLEMENT

This prospectus supplement is a supplement to the accompanying prospectus that is also a part of this document. This prospectus supplement and the accompanying prospectus are part of a registration statement on Form S-3 that we filed with the Securities and Exchange Commission, or SEC or Commission, using a "shelf" registration process. This prospectus supplement contains specific information about us and the terms on which we are offering and selling shares of our common stock. To the extent that any statement made in this prospectus supplement is inconsistent with statements made in the prospectus, the statements made in the prospectus will be deemed modified or superseded by those made in this prospectus supplement. Before you purchase shares of our common stock, you should carefully read this prospectus supplement, the accompanying prospectus and the registration statement, together with the documents incorporated by reference in this prospectus supplement and the accompanying prospectus.

When used in this prospectus supplement or the accompanying prospectus, the terms "ARMOUR," "company," "issuer," "registrant," "we," "our," and "us" refer to ARMOUR Residential REIT, Inc., unless otherwise specified.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus supplement and the accompanying prospectus contain various forward-looking statements. Forward-looking statements relate to expectations, beliefs, projections, future plans and strategies, anticipated events or trends and similar expressions concerning matters that are not historical facts. In some cases, you can identify forward-looking statements by the use of forward-looking terminology such as believes, expects, may, will, would, could, should, seeks, approximately, intends, plans, projects, estimates or anticipates or the negative and phrases or similar words or phrases. All forward-looking statements may be impacted by a number of risks and uncertainties, including statements regarding the following subjects:

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our business and investment strategy;

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our anticipated results of operations;

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statements about future dividends;

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our ability to obtain financing arrangements;

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our understanding of our competition and ability to compete effectively;

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market, industry and economic trends; and

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interest rates.

The forward-looking statements in this prospectus supplement and the accompanying prospectus are based on our beliefs, assumptions and expectations of our future performance, taking into account all information currently available to us. These beliefs, assumptions and expectations are subject to risks and uncertainties and can change as a result of many possible events or factors, not all of which are known to us. If a change occurs, our business, financial condition, liquidity and results of operations may vary materially from those expressed in our forward-looking statements. You should carefully consider these risks before you make an investment decision with respect to our common stock, along with the following factors that could cause actual results to vary from our forward-looking statements:

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the factors referenced in this prospectus, including those set forth under the section captioned Risk Factors ;

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the federal conservatorship of Fannie Mae and Freddie Mac and related efforts, along with any changes in laws and regulations affecting the relationship between Fannie Mae and Freddie Mac and the federal government;

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mortgage loan modification programs and future legislative action;

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availability, terms and deployment of capital;

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changes in economic conditions generally;

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changes in interest rates, interest rate spreads, the yield curve or prepayment rates;

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general volatility of the financial markets, including markets for mortgage securities;

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inflation or deflation;

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availability of suitable investment opportunities;

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the degree and nature of our competition, including competition for agency securities from the U.S. Treasury;

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changes in our business and investment strategy;

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our limited operating history;

our dependence on our manager and ability to find a suitable replacement if our manager were to terminate its management relationship with us;

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the existence of conflicts of interest in our relationship with our manager, certain of our directors and our officers, which could result in decisions that are not in the best interest of our stockholders;

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changes in personnel at our manager or the availability of qualified personnel at our manager;

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limitations imposed on our business by our status as a REIT;

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changes in GAAP, including interpretations thereof; and

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changes in applicable laws and regulations.

We cannot guarantee future results, levels of activity, performance or achievements. You should not place undue reliance on forward-looking statements, which apply only as of the date of this prospectus. We do not intend and disclaim any duty or obligation to update or revise any industry information or forward-looking statements set forth in this prospectus supplement to reflect new information, future events or otherwise, except as required under the U.S. federal securities laws.

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PROSPECTUS SUPPLEMENT SUMMARY

This summary highlights the material information contained in this prospectus supplement. It does not contain all of the information that you should consider before investing in our common stock. You should read carefully the more detailed information set forth under Risk Factors in our Annual Report on Form 10-K for the year ended December 31, 2010 and the other information included in this prospectus supplement. Except where the context suggests otherwise, references to we, us, ARMOUR or the Company are to ARMOUR Residential REIT, Inc. Except as otherwise indicated, the information in this prospectus supplement assumes no exercise of the underwriters' overallotment option.

Overview

We are a Maryland corporation that has elected to be a real estate investment trust, or REIT, for U.S. federal income tax purposes, commencing with our fiscal year ended December 31, 2009. We are externally managed by ARMOUR Residential Management LLC, or ARRM, an entity affiliated with our executive officers. We invest primarily in hybrid adjustable rate, adjustable rate and fixed rate residential mortgage-backed securities, or RMBS, issued or guaranteed by U.S. Government-chartered entities, which we refer to as Agency Securities. The entities issuing or guaranteeing the Agency Securities include:

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the Federal National Mortgage Association, commonly known as Fannie Mae;

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the Federal Home Loan Mortgage Corporation, commonly known as Freddie Mac; and

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the Government National Mortgage Administration, commonly known as Ginnie Mae.

From time to time, a portion of our portfolio may be invested in unsecured notes and bonds issued by U.S. Government-chartered entities, which we refer to as Agency Debt. Agency Debt includes:

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U.S. Treasuries; and

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money market instruments.

We seek attractive long-term investment returns by investing our equity capital and borrowed funds in our targeted asset class. We earn returns on the spread between the yield on our assets and our costs, including the interest cost of the funds we borrow, after giving effect to our hedges.

When acquiring Agency Securities, we typically finance our acquisitions with borrowings under a series of short-term repurchase agreements at the most competitive interest rates available to us and then cost-effectively mitigate our interest rate and other risks based on our entire portfolio of assets, liabilities and derivatives and our management's view of the market. Successful implementation of this approach requires us to address and effectively mitigate interest rate risk and maintain adequate liquidity.

Recent Developments

Since March 31, 2010, we have completed one additional underwritten follow-on public offering for an aggregate of 17,000,000 shares of common stock. Net proceeds from this offering were approximately \$121.4 million and were used to acquire additional target assets.

On April 4, 2011, the listing of our common stock was transferred from the NYSE Amex to the NYSE.

On April 7, 2011, a registration statement we filed on March 24, 2011 to register 4,000,000 shares of our common stock for issuance under our Dividend Reinvestment and Stock Purchase Plan was declared effective.

On April 22, 2011, we filed a registration statement to increase our universal shelf registration to \$1.0 billion. The registration statement was declared effective on May 4, 2011.

On April 28, 2011 and May 27, 2011, we paid monthly dividends of \$0.12. Such dividends were declared on March 10, 2011, when we declared a monthly dividend of \$0.12 payable to stockholders for each month in the second fiscal quarter of 2011.

On May 2, 2011, our board of directors adopted a resolution to amend our articles of incorporation to broaden our investment asset class restriction to include non-Agency Securities as well as Agency Securities. This amendment is subject to stockholder approval. While we are fully committed to continue investing primarily in Agency Securities for as long as appropriate supply and pricing exist, our board believes that we need to revise our investment asset class restriction to allow us to continue investing in the high credit-quality RMBS market in the event that Congress acts to eliminate or reduce the role of U.S. Government-chartered entities in the RMBS market. ARRM's ability to modify or expand our investment strategy in response to changing market conditions may ultimately be constrained by the outcome of our stockholders' vote on this matter.

As of May 5, 2011, after the full deployment of our offering proceeds, our Agency Securities portfolio was valued at approximately \$3.4 billion, compared with a value of approximately \$2.3 billion as of March 31, 2011. As of May 5, 2011, our total repurchase indebtedness was approximately \$3.2 billion, compared with repurchase indebtedness of approximately \$2.1 billion on March 31, 2011.

During the period from April 25, 2011 to May 27, 2011, we issued and sold a total of 1,721,078 shares of common stock at an average price of \$7.45 per share under our Dividend Reinvestment and Stock Purchase Plan.

Corporate Information

We were incorporated in the state of Maryland on February 5, 2008. On November 1, 2009, we consummated a business combination with Enterprise Acquisition Corp., a publicly traded blank check company formed for the purposes of acquiring an operating business. As a result of this transaction, which we refer to as the Business Combination, we became a publicly traded company.

Our principal offices are located at 3001 Ocean Drive, Suite 201, Vero Beach, Florida 32963. Our phone number is (772) 617-4340. Our website is www.ARMOURREIT.com. The contents of our website are not a part of this prospectus supplement or the accompanying prospectus. The information on our website is not intended to form a part of or be incorporated by reference into this prospectus supplement or the accompanying prospectus.

The Offering

Common Stock Offered By Us	16,000,000 shares
Common stock to be outstanding after this offering	66,981,155 shares

We also have outstanding redeemable warrants to purchase an aggregate of 32,500,000 shares of our common stock that are currently exercisable through November 7, 2013 at an exercise price of \$11.00 per share. These warrants likely will be exercised if the market price of the shares of our common stock equals or exceeds the warrant exercise price.

Use of Proceeds	We plan to use all of the net proceeds from this offering to acquire additional target assets, principally Agency Securities and Agency Debt, in accordance with our objectives and strategies described in this prospectus. See Use of Proceeds.
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Dividend Policy	We intend to continue to make regular cash distributions to holders of our common stock consistent with maintaining our REIT qualification for U.S. federal income tax law purposes. Prior to January 2011, our distributions have been in the form of quarterly cash dividends. However, commencing in January 2011, we began paying cash dividends to our stockholders on a monthly, rather than on a quarterly, basis.
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On January 28, 2011, February 25, 2011 and March 30, 2011, we paid monthly dividends of \$0.12. In addition, on March 10, 2011, we declared a monthly dividend of \$0.12 payable to stockholders for each month in the second fiscal quarter of 2011. On April 28, 2011 and May 27, 2011, we paid monthly dividends of \$0.12

Listing	Our common stock is traded on the NYSE under the symbol ARR.
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Ownership Restrictions	To assist us in qualifying as a REIT, ownership of shares of our common stock by any person is limited, with certain exceptions, to 9.8% by value or by number of shares, whichever
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is more restrictive, of our outstanding shares of common stock. Our charter also provides for certain other ownership restrictions. We have granted waivers from the 9.8% charter restriction for certain equity holders where, based on representations, covenants and agreements received from such holders, we determined that such waivers would not jeopardize our status as a REIT.

Risk Factors

Investing in our common stock involves risks. You should carefully consider the risks described under Risk Factors in our most recent Annual Report on Form 10-K as well as the other information contained or incorporated by reference in this prospectus supplement and the accompanying prospectus before making a decision to invest in our common stock.

USE OF PROCEEDS

We are offering 16,000,000 shares of our common stock at a public offering price of \$ per share. We estimate that the net proceeds we will receive from selling common stock in this offering will be approximately after deducting underwriting discounts and commissions payable by us and estimated offering expenses of approximately \$.

We plan to use all the net proceeds from this offering to acquire additional target assets in accordance with our objectives and strategies described in this prospectus. Our focus will be on purchasing Agency Securities and Agency Debt and other assets, subject to our investment guidelines and REIT qualification requirements. ARRM will make determinations as to the percentage of our assets that will be invested in each of our target assets. Its decisions will depend on prevailing market conditions and may change over time in response to opportunities available in different interest rate, economic and credit environments. Until appropriate assets can be identified, ARRM may invest the net proceeds from this offering in interest-bearing short-term investments, including funds that are consistent with our qualification as a REIT. These investments are expected to provide a lower net return than we will seek to achieve from our target assets. Prior to the time we have fully used the net proceeds of this offering to acquire our target assets, we may fund our quarterly cash distributions out of such net proceeds.

CAPITALIZATION

The following table sets forth (1) our actual capitalization at March 31, 2011, (2) our capitalization on a pro forma basis to reflect the effect of (i) the sale of 17,000,000 shares of our common stock in an underwritten public offering on April 8, 2011 at a public offering price of \$7.40 per share, after deducting the underwriting discount and estimated expenses paid by us, (ii) the sale of 1,721,078 shares of our common stock at an average price of \$7.45 per share under our Dividend Reinvestment and Stock Purchase Plan, and (iii) the issuance of 6,023 shares of our common stock under our Stock Incentive Plan, and (3) our pro forma capitalization as adjusted to reflect the effect of the sale of 16,000,000 shares of our common stock in this offering at a public offering price of \$ per share, after deducting the underwriting discount and estimated offering expenses payable by us. You should read this table together with our consolidated financial statements and the accompanying notes, and Management's Discussion and Analysis of Financial Condition and Results of Operations and Use of Proceeds included elsewhere in the accompanying prospectus.

	At March 31, 2011		
	(dollars in thousands)		
	Actual*	Pro Forma (unaudited)	Pro Forma As Adjusted
Cash	\$ 47,174	\$ 181,279	\$
Stockholders' equity			
Common stock, \$0.001 par value; 250,000,000 shares authorized; 32,254,054 shares outstanding, actual; 50,981,155 shares outstanding, pro forma; and shares outstanding, as adjusted for the sale of the 16,000,000 shares in this offering	32	51	
Additional paid-in capital	229,733	363,820	
Accumulated deficit	(4,678)	(4,678)	(4,678)
Accumulated other comprehensive (loss)	(4,475)	(4,475)	(4,475)
Total capitalization	\$ 220,612	\$ 354,718	\$

* Amounts are derived from the March 31, 2011 unaudited condensed consolidated financial statements.

UNDERWRITING

Subject to the terms and conditions of the underwriting agreement, the underwriters named below, through their representative Deutsche Bank Securities Inc., have severally agreed to purchase from us the following respective number of our shares of common stock at the public offering price less the underwriting discounts and commissions set forth on the cover page of this prospectus supplement:

Underwriters	Number of Shares
Deutsche Bank Securities Inc.	
Total	16,000,000

The underwriting agreement provides that the obligations of the several underwriters to purchase the shares offered hereby is subject to certain conditions precedent and that the underwriter will purchase all of the shares offered by this prospectus supplement, other than those covered by the option to purchase additional shares described below, if any of these shares are purchased.

We have been advised by the representative of the underwriters that the underwriters propose to offer the shares to the public at the public offering price set forth on the cover of this prospectus supplement and to dealers at a price that represents a concession not in excess of \$ _____ per share under the public offering price. The underwriters may allow, and these dealers may re-allow, a concession of not more than \$ _____ per share to other dealers. If all the shares are not sold at the public offering price, the underwriter may change the offering price and other selling terms.

We have granted to the underwriters an option to purchase up to 2,400,000 additional shares exercisable, in whole or in part, at any time until 30 days after the date of this prospectus supplement, at the public offering price less the underwriting discounts and commissions set forth on the cover page of this prospectus supplement. To the extent that the underwriters exercise this option, each of the underwriters will become obligated, subject to conditions, to purchase approximately the same percentage of these additional shares as the number of shares to be purchased by it in the above table bears to the total number of shares offered by this prospectus supplement. We will be obligated, pursuant to the option, to sell these additional shares to the underwriters to the extent the option is exercised. If any additional shares are purchased, the underwriters will offer the additional shares on the same terms as those on which the 16,000,000 shares are being offered.

The underwriting discounts and commissions per share are equal to the public offering price per share less the amount paid by the underwriters to us per share. We have agreed to pay the underwriters the following discounts and commissions, assuming either no exercise or full exercise of the underwriters' option to purchase additional shares:

		Fee per	Without Exercise of	Total Fees	With Full Exercise of
	\$	share	Underwriter's Option		Underwriter's Option
Discounts and commissions paid by us	\$		\$		\$

In addition, we estimate that our share of the total expenses of this offering, excluding underwriting discounts and commissions, will be approximately \$ 150,000.

We have agreed to indemnify the underwriters against some specified types of liabilities, including liabilities under the Securities Act, and to contribute to payments the underwriters may be required to make in respect of any of these liabilities.

We and each of our executive officers and directors has agreed not to, directly or indirectly, offer, sell, pledge, contract to sell, grant any option to purchase or otherwise dispose of, or enter into any transaction that is designed to or reasonably expected to lead to or result in the disposition of any of our shares or other securities convertible into or exchangeable or exercisable for our common shares or derivatives of our shares owned by these persons prior to this offering for a period of 30 days after the date of this prospectus supplement without the prior written consent of the representative. This consent may be given at any time without public notice. We have entered into a similar agreement with the representative, but our agreement will not apply in respect of shares we may issue under our existing equity incentive plan or under our existing dividend reinvestment and share purchase program.

Notwithstanding the foregoing, if, subject to certain exceptions, (i) during the last 17 days of the 30-day restricted period we release earnings results or material news or a material event relating to us occurs, or (ii) prior to the expiration of the 30-day restricted period, we announce that we will release earnings results during the 16-day period following the last day of the 30-day period, the above restrictions continue to apply until the expiration of the 18-day period beginning on the date of the release of the earnings results or the occurrence of the material news or event.

The representative of the underwriters has advised us that the underwriters do not intend to confirm sales to any account over which they exercise discretionary authority.

In connection with the offering, the underwriters may purchase and sell our shares in the open market. These transactions may include short sales, purchases to cover positions created by short sales and stabilizing transactions.

Short sales involve the sale by the underwriters of a greater number of shares than they are required to purchase in the offering. Covered short sales are sales made in an amount not greater than the underwriters' option to purchase additional shares from us in the offering. The underwriters may close out any covered short position by either exercising their option to purchase additional shares or purchasing shares in the open market. In determining the source of shares to close out the covered short position, the underwriters will consider, among other things, the price of shares available for purchase in the open market as compared to the price at which they may purchase shares through the underwriters' option.

Naked short sales are any sales in excess of the option to purchase additional shares. The underwriters must close out any naked short position by purchasing shares in the open market. A naked short position is more likely to be created if the underwriters are concerned that there may be downward pressure on the price of the shares in the open market prior to the completion of the offering.

Stabilizing transactions consist of various bids for or purchases of our shares made by the underwriters in the open market prior to the completion of the offering.

Purchases to cover a short position and stabilizing transactions may have the effect of preventing or slowing a decline in the market price of our shares. Additionally, these purchases, along with the imposition of the penalty bid, may stabilize, maintain or otherwise affect the market price of our shares. As a result, the price of our shares may be higher than the price that might otherwise exist in the open market. These transactions may be effected on the NYSE, in the over-the-counter market or otherwise.

This prospectus supplement and the accompanying prospectus may be made available in electronic format on Internet websites maintained by one or more of the lead underwriters of this offering and may be made available on websites maintained by other underwriters. Other than this prospectus supplement and the accompanying prospectus, in electronic format, the information on any underwriter's website and any information contained in any other website maintained by an underwriter is not part of this prospectus supplement or the accompanying prospectus, or the registration statement of which the accompanying prospectus and this prospectus supplement form a part.

Some of the underwriters and their affiliates have engaged in, and may in the future engage in, investment banking, lending, and other commercial dealings in the ordinary course of business with us. They receive customary fees and commissions for these services.

Selling Restrictions

No action has been taken in any jurisdiction (except in the United States) that would permit a public offering of the shares, or the possession, circulation or distribution of this prospectus supplement, the accompanying prospectus or any other material relating to us or the shares where action for that purpose is required. Accordingly, the shares may not be offered or sold, directly or indirectly, and neither this prospectus supplement, the accompanying prospectus nor any other offering material or advertisements in connection with the shares may be distributed or published, in or from any country or jurisdiction except in compliance with any applicable rules and regulations of any such country or jurisdiction.

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The underwriters may arrange to sell the shares offered hereby in certain jurisdictions outside the United States, either directly or through affiliates, where it is permitted to do so.

European Economic Area

In relation to each Member State of the European Economic Area (the "EEA") that has implemented the Prospectus Directive, as defined below (each, a "Relevant Member State"), an offer to the public of any shares that are the subject of the offering contemplated in this prospectus supplement may not be made in that Relevant Member State, except that an offer to the public in that Relevant Member State of any of the shares may be made at any time under the following exemptions under the Prospectus Directive, if they have been implemented in that Relevant Member State:

- (a) at any time to any legal entity which is a "qualified investor" as defined in the Prospectus Directive;
- (b) by the underwriters to fewer than 100 or, if the Relevant Member State has implemented the relevant provisions of the 2010 PD Amending Directive, 150 natural or legal persons (other than "qualified investors", as defined in the Prospectus Directive), as permitted under the Prospectus Directive, subject to obtaining the prior consent of the underwriter for any such offer; or
- (c) in any other circumstances falling within Article 3(2) of the Prospectus Directive,

provided that no such offer of the shares shall result in a requirement for us or the underwriter to publish a prospectus pursuant to Article 3 of the Prospectus Directive.

Any person making or intending to make any offer within the EEA of the shares that are the subject of the offering contemplated in this prospectus supplement and the accompanying prospectus should only do so in circumstances in which no obligation arises for us or the underwriter to produce a prospectus for such offer. Neither we nor the underwriters has authorized, or will authorize, the making of any offer of the shares offered hereby through any financial intermediary, other than offers made by the underwriters that constitute the final offering of the securities contemplated in this prospectus supplement and the accompanying prospectus.

For the purposes of this provision and the buyer's representation below, the expression "an offer of securities to the public" in relation to the shares in any Relevant Member State means the communication in any form and by any means of sufficient information on the terms of the offer and the shares to be offered so as to enable an investor to decide to purchase the shares, as the same may be varied in that Relevant Member State by any measure implementing the Prospectus Directive in that Relevant Member State and the expression "Prospectus Directive" means Directive 2003/71/EC (and amendments thereto, including the 2010 PD Amending Directive to the extent implemented in the Relevant Member State) and includes any relevant implementing measure in each Relevant Member State and the expression "2010 PD Amending Directive" means Directive 2010/73/EU.

Each person in a Relevant Member State who receives any communication in respect of, or who acquires any of the shares that are the subject of the offering contemplated by this prospectus supplement and the accompanying prospectus will be deemed to have represented, warranted and agreed to and with the underwriter and us that:

- (a) it is a qualified investor within the meaning of the law in that Relevant Member State implementing Article 2(1)(e) of the Prospectus Directive; and

- (b) in the case of any shares acquired by it as a financial intermediary, as that term is used in Article 3(2) of the Prospectus Directive, (i) the shares acquired by it in the offering have not been acquired on behalf of, nor have they been acquired with a view to their offer or resale to, persons in any Relevant Member State other than qualified investors, as defined in the Prospectus Directive, or in circumstances in which the prior consent of the underwriter has been given to the offer or resale; or (ii) where the shares have been acquired by it on behalf of persons in any Relevant Member State other than qualified investors, the offer of those shares to it is not treated under the Prospectus Directive as having been made to such persons.

United Kingdom

Any invitation or inducement to engage in investment activity (within the meaning of Section 21 of the Financial Services and Markets Act 2000 (the FSMA)), in connection with the issue or sale of the shares, has only been, and will only be, communicated or caused to be communicated in circumstances in which Section 21(1) of the FSMA does not apply to us.

Anything in relation to the shares in, from or otherwise involving the United Kingdom, has been, and may only be done, in compliance with all applicable provisions of the FSMA.

Switzerland

We have not and will not register with the Swiss Financial Market Supervisory Authority (FINMA) as a foreign collective investment scheme pursuant to Article 119 of the Federal Act on Collective Investment Scheme of June 23, 2006, as amended (CISA), and accordingly, the shares being offered pursuant to this prospectus supplement and the accompanying prospectus have not and will not be approved, and may not be licenseable, with FINMA. Therefore, the shares have not been authorized for distribution by FINMA as a foreign collective investment scheme pursuant to Article 119 CISA and the shares offered hereby may not be offered to the public (as this term is defined in Article 3 CISA) in or from Switzerland. The shares may solely be offered to qualified investors, as this term is defined in Article 10 CISA, and in the circumstances set out in Article 3 of the Ordinance on Collective Investment Scheme of November 22, 2006, as amended (CISO), such that there is no public offer.

Investors, however, do not benefit from protection under CISA or CISO or supervision by FINMA. This prospectus supplement and the accompanying prospectus and any other materials relating to the shares are strictly personal and confidential to each offeree and do not constitute an offer to any other person. This prospectus supplement and the accompanying prospectus may only be used by those qualified investors to whom they have been handed out in connection with the offer described herein and may neither directly or indirectly be distributed or made available to any person or entity other than their recipients. They may not be used in connection with any other offer and shall in particular not be copied and/or distributed to the public in Switzerland or from Switzerland. This prospectus supplement and the accompanying prospectus do not constitute an issue prospectus as that term is understood pursuant to Article 652a and/or 1156 of the Swiss Federal Code of Obligations. We have not applied for a listing of the shares on the SIX Swiss Exchange or any other regulated securities market in Switzerland, and consequently, the information presented in this prospectus supplement and the accompanying prospectus does not necessarily comply with the information standards set out in the listing rules of the SIX Swiss Exchange and corresponding prospectus schemes annexed to the listing rules of the SIX Swiss Exchange.

Dubai International Financial Centre

This prospectus supplement and the accompanying prospectus relate to an exempt offer in accordance with the Offered Securities Rules of the Dubai Financial Services Authority. This prospectus supplement and the accompanying prospectus is intended for distribution only to persons of a type specified in those rules. They must not be delivered to, or relied on by, any other person. The Dubai Financial Services Authority has no responsibility for reviewing or verifying any documents in connection with exempt offers. The Dubai Financial Services Authority has not approved this prospectus supplement and the accompanying prospectus nor taken steps to verify the information set out herein and therein, and has no responsibility for them. The shares that are the subject of the offering contemplated by this prospectus supplement and the accompanying prospectus may be illiquid and/or subject to restrictions on their resale. Prospective purchasers of the shares offered hereby should conduct their own due diligence

on the shares. If you do not understand the contents of this prospectus supplement and the accompanying prospectus, you should consult an authorized financial adviser.

Hong Kong

The shares may not be offered or sold in Hong Kong by means of any document other than (i) in circumstances that do not constitute an offer to the public within the meaning of the Companies Ordinance (Cap. 32, Laws of Hong Kong), or (ii) to professional investors within the meaning of the Securities and Futures Ordinance (Cap. 571, Laws of Hong Kong) and any rules made thereunder, or (iii) in other circumstances which do not result in the document being a prospectus within the meaning of the Companies Ordinance (Cap. 32, Laws of Hong Kong) and no advertisement, invitation or document relating to the shares may be issued or may be in the possession of any person for the purpose of issue (in each case whether in Hong Kong or elsewhere), which is directed at, or the contents of which are likely to be accessed or read by, the public in Hong Kong (except

if permitted to do so under the laws of Hong Kong) other than with respect to shares which are or are intended to be disposed of only to persons outside Hong Kong or only to professional investors within the meaning of the Securities and Futures Ordinance (Cap. 571, Laws of Hong Kong) and any rules made thereunder.

Japan

The shares offered in this prospectus supplement have not been registered under the Financial Instruments and Exchange Law of Japan. The shares have not been offered or sold and will not be offered or sold, directly or indirectly, in Japan or to, or for the benefit of, any resident of Japan or to others for re-offering or re-sale, directly or indirectly, in Japan or to a resident of Japan, except (i) pursuant to an exemption from the registration requirements of the Financial Instruments and Exchange Law and (ii) in compliance with any other applicable requirements of Japanese law.

Singapore

Neither this prospectus supplement nor the accompanying prospectus has been registered as a prospectus with the Monetary Authority of Singapore. Accordingly, this prospectus supplement, the accompanying prospectus and any other document or material in connection with the offer or sale, or invitation for subscription or purchase, of the common shares may not be circulated or distributed, nor may the common shares be offered or sold, or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to persons in Singapore other than (i) to an institutional investor under Section 274 of the Securities and Futures Act, Chapter 289 of Singapore (the SFA), (ii) to a relevant person pursuant to Section 275(1), or any person pursuant to Section 275(1A), and in accordance with the conditions specified in Section 275 of the SFA or (iii) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA, in each case subject to compliance with conditions set forth in the SFA.

Where the common shares are subscribed or purchased under Section 275 of the SFA by a relevant person which is: (a) a corporation (which is not an accredited investor (as defined in Section 4A of the SFA)) the sole business of which is to hold investments and the entire share capital of which is owned by one or more individuals, each of whom is an accredited investor; or (b) a trust (where the trustee is not an accredited investor) whose sole purpose is to hold investments and each beneficiary of the trust is an individual who is an accredited investor, shares, debentures and units of shares and debentures of that corporation or the beneficiaries' rights and interest (however described) in that trust shall not be transferred within six months after that corporation or that trust has acquired the common shares pursuant to an offer made under Section 275 of the SFA except: (1) to an institutional investor (for corporations, under Section 274 of the SFA) or to a relevant person defined in Section 275(2) of the SFA, or to any person pursuant to an offer that is made on terms that such shares, debentures and units of shares and debentures of that corporation or such rights and interest in that trust are acquired at a consideration of not less than S\$200,000 (or its equivalent in a foreign currency) for each transaction, whether such amount is to be paid for in cash or by exchange of securities or other assets, and further for corporations, in accordance with the conditions specified in Section 275 of the SFA; (2) where no consideration is or will be given for the transfer; or (3) where the transfer is by operation of law.

SUPPLEMENT TO U.S. FEDERAL INCOME TAX CONSIDERATIONS

The following summary of certain U.S. Federal income tax considerations supplements the discussion set forth under the heading "U.S. Federal Income Tax Considerations" in the accompanying prospectus and is for general information only and is not tax advice. This discussion does not purport to deal with all aspects of taxation that may be relevant to particular holders of our common stock in light of their personal investment or tax circumstances.

EACH PROSPECTIVE HOLDER IS ADVISED TO CONSULT HIS OR HER TAX ADVISOR REGARDING THE SPECIFIC FEDERAL, STATE, LOCAL, AND FOREIGN INCOME AND OTHER TAX CONSEQUENCES TO HIM OR HER OF ACQUIRING, HOLDING, EXCHANGING, OR OTHERWISE DISPOSING OF OUR COMMON STOCK AND OF OUR ELECTION TO BE TAXED AS A REAL ESTATE INVESTMENT TRUST, AND OF POTENTIAL CHANGES IN APPLICABLE TAX LAWS.

Legislative or Other Actions Affecting REITs

The present federal income tax treatment of REITs may be modified, possibly with retroactive effect, by legislative, judicial or administrative action at any time. The REIT rules are constantly under review by persons involved in the legislative process and by the Internal Revenue Service and the U.S. Treasury Department which may result in statutory changes as well as revisions to regulations and interpretations. Recent tax legislation extends the 2001 and 2003 tax rates for non-corporate taxpayers through 2012, including the maximum 35% tax rate on ordinary income and the maximum 15% tax rate for long-term capital gains and qualified dividend income. As noted in the accompanying prospectus, dividends paid by REITs will generally not constitute qualified dividend income eligible for the 15% tax rate for non-corporate domestic stockholders and will generally be taxable at the higher ordinary income tax rates.

In addition, under recent tax legislation, after December 31, 2012, withholding at a rate of 30% will be required on dividends in respect of, and gross proceeds from the sale of, shares of our stock held by or through certain foreign financial institutions (including investment funds), unless such institution enters into an agreement with the Secretary of the Treasury to report, on an annual basis, information with respect to shares in, and accounts maintained by, the institution to the extent such shares or accounts are held by certain U.S. persons or by certain non-U.S. entities that are wholly or partially owned by U.S. persons. Accordingly, the entity through which our shares are held will affect the determination of whether such withholding is required. Similarly, dividends in respect of, and gross proceeds from the sale of, our shares held by an investor that is a non-financial non-U.S. entity will be subject to withholding at a rate of 30%, unless such entity either (i) certifies to us that such entity does not have any "substantial U.S. owners" or (ii) provides certain information regarding the entity's "substantial U.S. owners," which we will in turn provide to the Secretary of the Treasury. Non-U.S. stockholders are encouraged to consult with their tax advisers regarding the possible implications of these rules on their investment in our stock.

LEGAL MATTERS

Certain legal matters will be passed upon for us by Akerman Senterfitt, Miami, Florida. In addition, the description of U.S. federal income tax consequences contained in the section of the accompanying prospectus to this prospectus supplement entitled "U.S. Federal Income Tax Considerations" is based on the opinion of Akerman Senterfitt, Miami, Florida. Certain legal matters relating to this offering will be passed upon for the underwriters by Skadden, Arps, Slate, Meagher & Flom LLP, New York, New York.

EXPERTS

The consolidated balance sheets of ARMOUR Residential REIT, Inc. and subsidiaries as of December 31, 2010 and 2009 and the related consolidated statements of operations, stockholders' equity, and cash flows for the years ended December 31, 2010, 2009 and 2008 have been audited by EisnerAmper LLP, independent registered public accounting firm, as stated in their report, which report is included in this registration statement and prospectus by incorporation in reliance upon the report of EisnerAmper LLP, given upon their authority as experts in accounting and auditing.

PROSPECTUS

ARMOUR Residential REIT, Inc.

\$1,000,000,000

Common Stock

Preferred Stock

Warrants

Debt Securities

Depositary Shares

We may offer, issue and sell, from time to time, up to an aggregate of \$1,000,000,000 of shares of our common stock, preferred stock, warrants, depositary shares and debt securities, which may consist of debentures, notes, or other types of debt, in one or more offerings. We will provide specific terms of each issuance of these securities in supplements to this prospectus. We may offer and sell these securities to or through one or more underwriters, dealers and agents, or directly to purchasers, on a continuous or delayed basis. You should read this prospectus and any supplement carefully before you decide to invest. This prospectus may not be used to consummate sales of these securities unless it is accompanied by a prospectus supplement.

Our common stock and warrants are listed on the New York Stock Exchange (NYSE) and the NYSE Amex under the symbols **ARR** and **ARR.WS**, respectively.

We have elected to be taxed as a real estate investment trust, or REIT, for U.S. federal income tax purposes, commencing with our taxable year ended December 31, 2009. To assist us in qualifying as a REIT, among other purposes, stockholders are generally restricted under our charter from beneficially owning more than 9.8% by value or number of shares, whichever is more restrictive, of our outstanding shares of common stock. In addition, our charter contains various other restrictions on the ownership and transfer of our common stock.

Our principal office is located at 3001 Ocean Drive, Suite 201, Vero Beach, Florida 32963. Our telephone number is (772) 617-4340.

Investing in our securities involves risks. You should carefully consider the information referred to under the heading *Risk Factors* beginning on page 6 of this prospectus before you invest.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined that this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is May 4, 2011

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You should rely only on the information contained in this document or to which we have referred you. We have not authorized anyone to provide you with information that is different. This document may only be used where it is legal to sell these securities. The information in this document may only be accurate on the date of this document.

ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission, or SEC or Commission, using a shelf registration process. Under this shelf registration process, we may sell the securities described in this prospectus in one or more offerings. This prospectus provides you with a general description of the securities we may offer. Each time we offer to sell securities, we will provide a supplement to this prospectus that will contain specific information about the terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus. It is important for you to consider the information contained in this prospectus and any prospectus supplement together with additional information described under the headings *Where You Can Find More Information* and *"Incorporation of Certain Documents by Reference."*

You should rely only on the information incorporated by reference or set forth in this prospectus or the applicable prospectus supplement. We have not authorized anyone else to provide you with additional or different information.

You should not assume that the information in this prospectus, the applicable prospectus supplement or any other offering material is accurate as of any date other than the dates on the front of those documents.

When used in this prospectus, the terms **ARMOUR**, **company**, **issuer**, **registrant**, **we**, **our**, and **us** refer to Armour Residential REIT, Inc., unless otherwise specified.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus contains various “forward-looking statements.” Forward-looking statements relate to expectations, beliefs, projections, future plans and strategies, anticipated events or trends and similar expressions concerning matters that are not historical facts. In some cases, you can identify forward-looking statements by the use of forward-looking terminology such as believes, expects, may, will, would, could, should, seeks, approves, intends, plans, projects, estimates or anticipates or the negative of these words and phrases or similar words or phrases. All forward-looking statements may be impacted by a number of risks and uncertainties, including statements regarding the following subjects:

- .
our business and investment strategy;
- .
our anticipated results of operations;
- .
statements about future dividends;
- .
our ability to obtain financing arrangements;