**EMCOR GROUP INC** Form SC 13G February 07, 2012

SCHEDULE 13G

(Rule 13d-102)

Information to be Included in Statements Filed Pursuant to Rule 13d-1(b), (c) and (d) and Amendments Thereto Filed Pursuant to Rule 13d-2.

> SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

Under the Securities Exchange Act of 1934 (Amendment No. \_\_\_ ) \*

EMCOR Group, Inc. (Name of Issuer) Common Stock (Title of Class of Securities) 29084Q100

\_\_\_\_\_ (CUSIP Number)

December 31, 2011 \_\_\_\_\_

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [X] Rule 13d-1(b)
- [\_] Rule 13d-1(c)
- [\_] Rule 13d-1(d)
- \* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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CUSIP No. 2908	34Q100 13G	
1 NAME OF REP	PORTING PERSON	 
Artisan Pa	artners Holdings LP	
2 CHECK THE A (see Instru		[_]
Not Applic	cable	
3 SEC USE ONL	ZY	
4 CITIZENSHIP  Delaware	P OR PLACE OF ORGANIZATION	 
	5 SOLE VOTING POWER	 
NUMBER OF	None	
SHARES BENEFICIALLY OWNED BY	6 SHARED VOTING POWER	 
EACH REPORTING	3,632,162	 
PERSON WITH	7 SOLE DISPOSITIVE POWER	
	None	 
	8 SHARED DISPOSITIVE POWER	
	3,798,062	
9 AGGREGATE A 3,798,062	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	 
	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES actions)	 [_]
Not Applic	cable	
11 PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)	 
5.7%		 
12 TYPE OF REP (see Instru	PORTING PERSON actions)	
НС		

Page 2 of 16

1 NAME OF REPO	ORTING PERSON	
Artisan In	vestment Corporation	
2 CHECK THE Al	PPROPRIATE BOX IF A MEMBER OF A GROUP ctions)	(a) [_] (b) [_]
Not Applica	able	
3 SEC USE ONL		
4 CITIZENSHIP	OR PLACE OF ORGANIZATION	
Wisconsin		
	5 SOLE VOTING POWER	
NUMBER OF	None	
	6 SHARED VOTING POWER	
OWNED BY EACH	3,632,162	
REPORTING PERSON	7 SOLE DISPOSITIVE POWER	
WITH	None	
	8 SHARED DISPOSITIVE POWER	
	3,798,062	
9 AGGREGATE AI	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
3,798,062		
10 CHECK BOX II	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ctions)	[_]
Not Applica	able	
11 PERCENT OF (	CLASS REPRESENTED BY AMOUNT IN ROW (9)	
5.7%		
12 TYPE OF REPO	ORTING PERSON	
НС		
	Page 3 of 16	
CUSIP No. 2908	4Q100 13G	

1 NAME OF REPORTING PERSON

Artisan P	Partners Limited Partnership	
2 CHECK THE (see Instr	APPROPRIATE BOX IF A MEMBER OF A GROUP ructions)	(a) [_] (b) [_]
Not Appli	icable	
3 SEC USE ON	NLY	
4 CITIZENSHI	IP OR PLACE OF ORGANIZATION	
Delaware		
	5 SOLE VOTING POWER	
NUMBER OF	None	
OWNED BY EACH	3,632,162	
REPORTING PERSON	7 SOLE DISPOSITIVE POWER	
WITH	None	
	8 SHARED DISPOSITIVE POWER	
	3,798,062	
9 AGGREGATE	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
3,798,062	2	
10 CHECK BOX (see Instr	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ructions)	[_]
Not Appli	icable	
11 PERCENT OF	F CLASS REPRESENTED BY AMOUNT IN ROW (9)	
5.7%		
12 TYPE OF RE (see Instr	EPORTING PERSON ructions)	
IA		
	Page 4 of 16	
CUSIP No. 290	084Q100 13G	
1 NAME OF RE	EPORTING PERSON	

Artisan Investments GP LLC

4

2	CHECK THE A		OPRIATE BOX IF A MEMBER OF A GROUP	[_]
	Not Applic	abl	e e	
3	SEC USE ONL	Y		 
4	CITIZENSHIP	OR	PLACE OF ORGANIZATION	 
	Delaware			
		5	SOLE VOTING POWER	
	MBER OF		None	
BEN		6	SHARED VOTING POWER	 
	WNED BY EACH		3,632,162	
	PORTING PERSON	7	SOLE DISPOSITIVE POWER	 
	WITH		None	
		8	SHARED DISPOSITIVE POWER	 
			3,798,062	
9	AGGREGATE A	MOU!	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON	 
	3,798,062			
10	CHECK BOX I		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	 [_]
	Not Applic	abl	e	
11	PERCENT OF	CLA	SS REPRESENTED BY AMOUNT IN ROW (9)	 
	5.7%			
12	TYPE OF REP			 
	HC			
			Page 5 of 16	
CUS	IP No. 2908	4Q1	00 13G	
1	NAME OF REP	ORT	ING PERSON	
	ZFIC, Inc.			 
2	CHECK THE A	יםםם	ADDIATE BOY IF A MEMBED OF A COOKE	

(see Instructions)		(a) [_] (b) [_]
Not Applic	able	
3 SEC USE ONL	 (	
4 CITIZENSHIP Wisconsin	OR PLACE OF ORGANIZATION	
	5 SOLE VOTING POWER	
NUMBER OF	None	
	6 SHARED VOTING POWER	
OWNED BY EACH	3,632,162	
REPORTING PERSON	7 SOLE DISPOSITIVE POWER	
WITH	None	
	8 SHARED DISPOSITIVE POWER	
	3,798,062	
10 CHECK BOX I (see Instru		CERTAIN SHARES
11 PERCENT OF 5.7%	CLASS REPRESENTED BY AMOUNT IN ROW (9)	
12 TYPE OF REP (see Instru	DRTING PERSON ctions)	
HC		
	Page 6 of 16	
CUSIP No. 2908	12100 13G	
1 NAME OF REP	ORTING PERSON	
Andrew A.	iegler	
2 CHECK THE A	PPROPRIATE BOX IF A MEMBER OF A GROUP	(a) [_] (b) [ ]

Not Applic	abl	9		
3 SEC USE ONL	 Ү			
4 CITIZENSHIP	OR	PLACE OF ORGANIZATION		
U.S.A.				
	5	SOLE VOTING POWER		
NUMBER OF		None		
	6	SHARED VOTING POWER		
OWNED BY EACH		3,632,162		
REPORTING PERSON	7	SOLE DISPOSITIVE POWER		
WITH		None		
	8	SHARED DISPOSITIVE POWER		
		3,798,062		
9 AGGREGATE A	 MOUI	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
3,798,062				
10 CHECK BOX I (see Instru		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		[_]
Not Applic	able	9		
11 PERCENT OF	CLA:	SS REPRESENTED BY AMOUNT IN ROW (9)		
5.7%				
12 TYPE OF REP (see Instru				
IN				
		Page 7 of 16		
CHCID No. 2000	401	120		
CUSIP No. 2908	4Q1	13G		
1 NAME OF REP	ORT:	ING PERSON		
Carlene M.	Zie	egler		
2 CHECK THE A (see Instru		DPRIATE BOX IF A MEMBER OF A GROUP	(a) (b)	[_]

Not Applicable

3 SEC USE	ONLY
4 CITIZEN	SHIP OR PLACE OF ORGANIZATION
U.S.A.	
	5 SOLE VOTING POWER
NUMBER OF	None
	Y 6 SHARED VOTING POWER
OWNED BY EACH	3,632,162
REPORTING PERSON	7 SOLE DISPOSITIVE POWER
WITH	None
	8 SHARED DISPOSITIVE POWER
	3,798,062
9 AGGREGA	TE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
(see In	OX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES structions) [_]
Not Ap	plicable 
11 PERCENT	OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
5.7%	
	REPORTING PERSON structions)
IN	
	Page 8 of 16
Item 1(a)	Name of Issuer:
	EMCOR Group, Inc.
Item 1(b)	Address of Issuer's Principal Executive Offices:
	301 Merritt Seven, Norwalk, CT 06851
Item 2(a)	Name of Person Filing:
	Artisan Partners Holdings LP ("Artisan Holdings") Artisan Investment Corporation, the general partner of Artisan Holdings ("Artisan Corp.") Artisan Partners Limited Partnership ("Artisan Partners")

Artisan Investments GP LLC, the general partner of Artisan Partners ("Artisan Investments") ZFIC, Inc., the sole stockholder of Artisan Corp. ("ZFIC") Andrew A. Ziegler Carlene M. Ziegler

Item 2(b) Address of Principal Business Office:

Artisan Holdings, Artisan Corp., Artisan Partners, Artisan Investments, ZFIC, Mr. Ziegler and Ms. Ziegler are all located at:

875 East Wisconsin Avenue, Suite 800

Milwaukee, WI 53202

Item 2(c) Citizenship:

Artisan Holdings is a Delaware limited partnership
Artisan Corp. is a Wisconsin corporation
Artisan Partners is a Delaware limited partnership
Artisan Investments is a Delaware limited liability company
ZFIC is a Wisconsin corporation
Mr. Ziegler and Ms. Ziegler are U.S. citizens

Item 2(d) Title of Class of Securities:

Common Stock

Item 2(e) CUSIP Number:

29084Q100

(e) Artisan Partners is an investment adviser registered under section 203 of the Investment Advisers Act of 1940; Artisan Holdings is the sole limited partner of Artisan Partners; Artisan Investments is the general partner of Artisan Partners; Artisan Corp is the general partner of Artisan Holdings; ZFIC is the sole stockholder of Artisan Corp.; Mr. Ziegler and Ms. Ziegler are the principal stockholders of ZFIC.

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#### Item 4 Ownership (at December 31, 2011):

(a) Amount owned "beneficially" within the meaning of rule 13d-3:

3,798,062

(b) Percent of class:

5.7% (based on 66,711,018 shares outstanding as of October  $24,\ 2011$ )

- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote:

None

(ii) shared power to vote or to direct the vote:

3,632,162

(iii) sole power to dispose or to direct the disposition of:

None

(iv) shared power to dispose or to direct the disposition of:

3,798,062

Item 5 Ownership of Five Percent or Less of a Class:

Not Applicable

Item 6 Ownership of More than Five Percent on Behalf of Another Person:

The shares reported herein have been acquired on behalf of discretionary clients of Artisan Partners. Persons other than Artisan Partners are entitled to receive all dividends from, and proceeds from the sale of, those shares. None of those persons, to the knowledge of Artisan Partners, Artisan Holdings, Artisan Investments, Artisan Corp., ZFIC, Mr. Ziegler or Ms. Ziegler, has an economic interest in more than 5% of the class.

Not Applicable

Not Applicable

Not Applicable

Item 10 Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 7, 2012

ARTISAN INVESTMENT CORPORATION, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP

By: Sarah A. Johnson\*

ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: Sarah A. Johnson\*

ZFIC, INC.

By: Sarah A. Johnson\*

ANDREW A. ZIEGLER

Andrew A. Ziegler\*

CARLENE M. ZIEGLER

Carlene M. Ziegler\*

\*By: /s/ Sarah A. Johnson

\_\_\_\_\_

Sarah A. Johnson
Vice President of Artisan
Investment Corporation
Vice President of Artisan
Investments GP LLC
Attorney-in-Fact for ZFIC, Inc.
Attorney-in-Fact for Andrew A.
Ziegler
Attorney-in-Fact for Carlene M.
Ziegler

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#### Exhibit Index

- Exhibit 1 Joint Filing Agreement dated February 7, 2012 by and among Artisan Partners Holdings LP, Artisan Investment Corporation, Artisan Partners Limited Partnership, Artisan Investments GP LLC, ZFIC, Inc., Andrew A. Ziegler and Carlene M. Ziegler
- Exhibit 2 Power of Attorney of ZFIC, Inc., dated March 19, 2007
- Exhibit 3 Power of Attorney of Andrew A. Ziegler dated March 19, 2007
- Exhibit 4 Power of Attorney of Carlene M. Ziegler dated March 19, 2007

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EXHIBIT 1

#### JOINT FILING AGREEMENT

The undersigned hereby agree to the joint filing of the Schedule  $13\mathrm{G}$  to which this Agreement is attached.

Dated: February 7, 2012

ARTISAN INVESTMENT CORPORATION, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP

By: Sarah A. Johnson\*

ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: Sarah A. Johnson\*

ZFIC, INC.

By: Sarah A. Johnson\*

ANDREW A. ZIEGLER

Andrew A. Ziegler\*

CARLENE M. ZIEGLER

Carlene M. Ziegler\*

\_\_\_\_\_

\*By: /s/ Sarah A. Johnson

\_\_\_\_\_

Sarah A. Johnson
Vice President of Artisan
Investment Corporation
Vice President of Artisan
Investments GP LLC
Attorney-in-Fact for ZFIC, Inc.
Attorney-in-Fact for Andrew A.
Ziegler

Attorney-in-Fact for Carlene M. Ziegler

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EXHIBIT 2

POWER OF ATTORNEY

The undersigned, ZFIC, Inc., hereby appoints Lawrence A. Totsky, Janet D. Olsen, and Sarah A. Johnson, and each of them individually, its true and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on its behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

ZFIC, INC.

By: /s/ Andrew A. Ziegler
-----Andrew A. Ziegler
Vice President

STATE OF WISCONSIN )

OUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Andrew A. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered the said instrument as his own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston
----Notary Public

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EXHIBIT 3

#### POWER OF ATTORNEY

The undersigned, Andrew A. Ziegler, hereby appoints Lawrence A. Totsky, Janet D. Olsen, and Sarah A. Johnson, and each of them individually, his true and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on his behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits,

and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

STATE OF WISCONSIN )

OUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Andrew A. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered the said instrument as his own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston
----Notary Public

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EXHIBIT 4

#### POWER OF ATTORNEY

The undersigned, Carlene M. Ziegler, hereby appoints Lawrence A. Totsky, Janet D. Olsen, and Sarah A. Johnson, and each of them individually, her true and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on her behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

/s/ Carlene M. Ziegler
------Carlene M. Ziegler

STATE OF WISCONSIN )

, SS.
COUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Carlene M. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she signed and delivered the said instrument as her own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston
----Notary Public

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