Owens Corning Form 4 May 13, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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Estimated average burden hours per

OMB APPROVAL

response...

if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * D. E. SHAW LAMINAR PORTFOLIOS, L.L.C.			2. Issuer Name Symbol Owens Cornir	and Ticker or Trading	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction		(Check all applicable)			
	T FORTY-FIFT 39TH FLOOR	Ή	(Month/Day/Yea 05/11/2009	r)	below)	10% Owner 10% Owner 2 10% Owner 2 other (specify below) 2 otes 2 and 3.		
	(Street)		4. If Amendment	, Date Original	6. Individual or Joint/	Group Filing(Check		
NEW YO	RK, NY 10036		Filed(Month/Day/	Year)	Applicable Line) Form filed by One I _X_ Form filed by More Person	1 0		
(City)	(State)	(Zip)	Table I - No	n-Derivative Securities Acc	quired, Disposed of, or	Beneficially Owned		
1.Title of	2. Transaction D	ate 2A. Deeme	d 3.	4. Securities Acquired (A	or 5. Amount of	6. 7. Natu		

(City)	(State)	Table 1 - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities or Disposed of (Instr. 3, 4)	f(D)	uired (A) or	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	05/11/2009		S	150,000	D	\$ 15.58	10,737,829	D (2) (3)	
Common Stock	05/12/2009		S	267,449	D	\$ 15.0218	10,470,380	D (2) (3)	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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$\label{thm:convertible} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (e.g., puts, calls, warrants, options, convertible securities) \end{tabular}$

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title	and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transac	tionNumber	Expiration D	ate	Amount	of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ing	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivativ	e		Securitie	es	(Instr. 5)
	Derivative		•		Securities	S		(Instr. 3	and 4)	
	Security				Acquired			`		
	•				(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
					., ,					
								A	mount	
						Date	Expiration	O		
							Exercisable Date	Title Number		
						LACICISAUIC		0	f	
				Code	V (A) (D)			S	hares	

Reporting Owners

Reporting Owner Name / Address	Relationships				
	Director	10% Owner	Officer	Other	
D. E. SHAW LAMINAR PORTFOLIOS, L.L.C. 120 WEST FORTY-FIFTH STREET 39TH FLOOR NEW YORK, NY 10036	X			See footnotes 2 and 3.	
D. E. Shaw Oculus Portfolios, L.L.C. 120 WEST FORTY-FIFTH STREET 39TH FLOOR NEW YORK, NY 10036	X			See footnotes 2 and 3.	
D. E. SHAW & CO, L.P. 120 WEST FORTY-FIFTH STREET 39TH FLOOR NEW YORK, NY 10036	X			See footnotes 2 and 3.	
D. E. SHAW & CO, L.L.C. 120 WEST FORTY-FIFTH STREET 39TH FLOOR NEW YORK, NY 10036	X			See footnotes 2 and 3.	
SHAW DAVID E 120 WEST FORTY-FIFTH STREET 39TH FLOOR NEW YORK, NY 10036	X			See footnotes 2 and 3.	
Signatures					
D. E. Shaw Laminar Portfolios, L.L.C. By: Rochell Signatory	le Elias, Aut	horized		05/13/2009	

Reporting Owners 2

Date

**Signature of Reporting Person

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D. E. Shaw Oculus Portfolios, L.L.C. By: Rochelle Elias, Authorized Signatory					
**Signature of Reporting Person	Date				
D. E. Shaw & Co., L.P. By: Rochelle Elias, Chief Compliance Officer					
**Signature of Reporting Person	Date				
D. E. Shaw & Co., L.L.C. By: Rochelle Elias, Chief Compliance Officer	05/13/2009				
**Signature of Reporting Person	Date				
David E. Shaw By: Rochelle Elias, Attorney-in-fact for David E. Shaw					
**Signature of Reporting Person	Date				

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- Weighted average sale price for the transactions report on this line. Actual sales ranged in price from \$15.00 to \$15.27. The reporting (1) person undertakes to provide upon request by the U.S. Securities and Exchange Commission, the Issuer, or a security holder of the Issuer, full information regarding the number of shares sold at each separate price.
 - D. E. Shaw & Co., L.P. ("DESCO LP"), as investment adviser to D. E. Shaw Laminar Portfolios, L.L.C. ("Laminar") and D. E. Shaw Oculus Portfolios, L.L.C. ("Oculus"); D. E. Shaw & Co., L.L.C. ("DESCO LLC"), as managing member of Laminar and Oculus; and David E. Shaw (as president and sole shareholder of D. E. Shaw & Co., Inc. ("DESCO, Inc."), which is the general partner of DESCO
- (2) LP, and as president and sole shareholder of D. E. Shaw & Co. II, Inc. ("DESCO II, Inc."), which is the managing member of DESCO LLC) may be deemed, for purposes of Section 16 of the Securities Exchange Act of 1934, directors of the Issuer by virtue of DESCO LP employee David Lyon's service as member of the Issuer's board of directors. None of Laminar, Oculus, DESCO LP, DESCO LLC, or David E. Shaw serves as a director of the Issuer.
 - (Continued from Footnote 2) In accordance with instruction 4(b)(iv), the entire number of shares of Common Stock of the Issuer that may be deemed to be beneficially owned by Laminar, Oculus, DESCO LP, or DESCO LLC was previously reported. None of DESCO LLC,
- (3) DESCO, Inc., DESCO II, Inc., or David E. Shaw owns any shares of Common Stock directly, and each disclaims beneficial ownership of any of the securities reported, except to the extent of any pecuniary interest therein. DESCO LP disclaims beneficial ownership of the shares beneficially owned by Laminar and the shares beneficially owned by Oculus, except to the extent of any pecuniary interest therein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

Signatures 3