Owens Corning Form 4 August 08, 2008

FORM 4

Check this box

if no longer

Section 16.

Form 4 or

subject to

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

OMB Number:

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * D. E. SHAW LAMINAR PORTFOLIOS, L.L.C.

(Last)

(First)

(Middle)

39TH FLOOR, TOWER 45, 120 **WEST 45TH ST**

(Street)

2. Issuer Name and Ticker or Trading Symbol

Owens Corning [(OC)]

3. Date of Earliest Transaction (Month/Day/Year)

08/06/2008

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

_X__ 10% Owner _X__ Director _X_ Other (specify Officer (give title below) below) See footnotes 1 and 2

6. Individual or Joint/Group Filing(Check

Applicable Line)

Form filed by One Reporting Person _X_ Form filed by More than One Reporting

Person

NEW YORK, NY 10036

(City)	(State)	(Zip) Tak	ole I - Non-	Derivative	Secu	rities Acquir	ed, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	xecution Date, if Transaction Disposed of (D) ny Code (Instr. 3, 4 and 5)		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	08/06/2008		Code V S	Amount 8,400	(D)	Price \$ 26.005	13,156,281	D (1) (2)	
Common Stock	08/06/2008		S	7,500	D	\$ 26	13,148,781	D (1) (2)	
Common Stock	08/06/2008		S	5,000	D	\$ 25.9605	13,143,781	D (1) (2)	
Common Stock	08/06/2008		S	21,300	D	\$ 25.9702	13,122,481	D (1) (2)	
Common Stock	08/06/2008		S	7,400	D	\$ 25.9746	13,115,081	D (1) (2)	

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Common Stock	08/06/2008	S	5,478	D	\$ 25.9761	13,109,603	D (1) (2)
Common Stock	08/06/2008	S	2,800	D	\$ 25.9719	13,106,803	D (1) (2)
Common Stock	08/06/2008	S	6,100	D	\$ 25.9749	13,100,703	D (1) (2)

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

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SEC 1474

(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)	5. orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	5	ate	Unde Secur	unt of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
coposing of the rame, rame	Director	10% Owner	Officer	Other		
D. E. SHAW LAMINAR PORTFOLIOS, L.L.C. 39TH FLOOR, TOWER 45 120 WEST 45TH ST NEW YORK, NY 10036	X	X		See footnotes 1 and 2		
D. E. Shaw Oculus Portfolios, L.L.C. 39TH FLOOR, TOWER 45 120 WEST 45TH ST NEW YORK, NY 10036	X	X		See footnotes 1 and 2		
D. E. SHAW & CO, L.P. 39TH FLOOR, TOWER 45 120 WEST 45TH ST NEW YORK, NY 10036	X	X		See footnotes 1 and 2		

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D. E. SHAW & CO, L.L.C. 39TH FLOOR, TOWER 45 120 WEST 45TH ST NEW YORK, NY 10036	X	X	See footnotes 1 and 2
SHAW DAVID E 39TH FLOOR, TOWER 45 120 WEST 45TH ST NEW YORK, NY 10036	X	X	See footnotes 1 and 2

Signatures

By: D.E. Shaw Laminar Portfolios, L.L.C., By: D.E. Shaw & Co., L.L.C., as managing member, By: /s/ Rochelle Elias, Chief Compliance Officer	08/08/2008
**Signature of Reporting Person	Date
By: D.E. Shaw Oculus Portfolios, L.L.C., By: D.E. Shaw & Co., L.L.C., as managing member, By: /s/ Rochelle Elias, Chief Compliance Officer	08/08/2008
**Signature of Reporting Person	Date
By: D.E. Shaw & Co., L.P., By: /s/ Rochelle Elias, Chief Compliance Officer	08/08/2008
**Signature of Reporting Person	Date
By: D.E. Shaw & Co., L.L.C., By: /s/ Rochelle Elias, Chief Compliance Officer	08/08/2008
**Signature of Reporting Person	Date
By: /s/ Rochelle Elias, Attorney-in-Fact for David E. Shaw	08/08/2008
**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).

The Common Stock reported in Table I is held directly by D. E. Shaw Laminar Portfolios, L.L.C. ("Laminar") and D. E. Shaw Oculus Portfolios, L.L.C. ("Oculus"). D. E. Shaw & Co., L.P. ("DESCO LP"), as investment adviser to Laminar and Oculus; D. E. Shaw & Co.,

- (1) 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., which is the general partner of DESCO LP, and as president and sole shareholder of D. E. Shaw & Co. II, Inc., which is the managing member of DESCO LLC) may be deemed to be the beneficial owners of more than 10% of the Common Stock of the Issuer for purposes of Rule 16a-1(a) of the Securities Exchange Act of 1934. (Continued in footnote 2)
 - In accordance with instruction 4(b)(iv), the entire number of shares of Common Stock that may be deemed to be beneficially owned by Laminar, Oculus, DESCO LP, and DESCO LLC is reported herein. Each of DESCO LP, DESCO LLC, and David E. Shaw disclaims any
- (2) beneficial ownership of any of the securities reported on this Form 4, except to the extent of any pecuniary interest therein. The reporting persons also may be deemed directors of the Issuer by virtue of DESCO LP employee David Lyon's service as a 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.

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