

Owens Corning  
Form 4  
May 29, 2009

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

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

(Print or Type Responses)

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

(Last) (First) (Middle)

120 WEST FORTY-FIFTH STREET, 39TH FLOOR

(Street)

NEW YORK, NY 10036

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
Owens Corning [OC]

3. Date of Earliest Transaction (Month/Day/Year)  
05/27/2009

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)

See footnotes 3 and 4.

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (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)
			Code	V	Amount	(A) or (D)	Price
Common Stock	05/27/2009		S		59,448	D	\$ 14.5586 (1)
Common Stock	05/28/2009		S		505,302	D	\$ 13.478 (2)
Common Stock	05/29/2009		S		634,060	D	\$ 13.9527

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

**Persons who respond to the collection of information contained in this form are not required to respond unless the form**

SEC 1474 (9-02)

displays a currently valid OMB control number.

**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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Beneficially (Instr. 3, 4, and 5)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

## 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 3 and 4.
D. E. Shaw Oculus Portfolios, L.L.C. 120 WEST FORTY-FIFTH STREET 39TH FLOOR NEW YORK, NY 10036	X			See footnotes 3 and 4.
D. E. SHAW & CO, L.P. 120 WEST FORTY-FIFTH STREET 39TH FLOOR NEW YORK, NY 10036	X			See footnotes 3 and 4.
D. E. SHAW & CO, L.L.C. 120 WEST FORTY-FIFTH STREET 39TH FLOOR NEW YORK, NY 10036	X			See footnotes 3 and 4.
SHAW DAVID E 120 WEST FORTY-FIFTH STREET 39TH FLOOR NEW YORK, NY 10036	X			See footnotes 3 and 4.

## Signatures

D. E. Shaw Laminar Portfolios, L.L.C. By: Rochelle Elias, Authorized Signatory	05/29/2009
__Signature of Reporting Person	Date
D. E. Shaw Oculus Portfolios, L.L.C. By: Rochelle Elias, Authorized Signatory	05/29/2009
__Signature of Reporting Person	Date
D. E. Shaw & Co., L.P. By: Rochelle Elias, Chief Compliance Officer	05/29/2009
__Signature of Reporting Person	Date
D. E. Shaw & Co., L.L.C. By: Rochelle Elias, Chief Compliance Officer	05/29/2009
__Signature of Reporting Person	Date
David E. Shaw By: Rochelle Elias, Attorney-in-fact for David E. Shaw	05/29/2009
__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).

(1) Weighted average sale price for the transactions report on this line. Actual sales ranged in price from \$14.50 to \$14.65. The reporting 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.

(2) Weighted average sale price for the transactions report on this line. Actual sales ranged in price from \$13.4776 to \$13.69. The reporting 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.

(3) 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 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.

(4) (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, 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.