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

FORM 8-K

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(D) OF THE
SECURITIES AND EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): September 28, 2007

WESCO International, Inc.

(Exact name of registrant as specified in its charter)

Commission file number 001-14989

Delaware

(State or other jurisdiction of
incorporation or organization)

25-1723345

(IRS Employer Identification No.)

225 West Station Square Drive
Suite 700

Pittsburgh, Pennsylvania 15219

(Address of principal executive offices)

(412) 454-2200

(Registrant's telephone number, including area code)

N/A

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
-
-

Item 8.01. Other Events.

WESCO International, Inc. (the "Company") announced today that the \$400 million stock repurchase program, announced on February 1, 2007, has been completed. The Company also announced that its Board of Directors has authorized a new stock repurchase program in the amount of up to \$400 million. The shares may be purchased from time to time in the open market or through privately negotiated transactions. The stock repurchase program may be implemented or discontinued at any time by the Company. A copy of the press release issued by the Company on September 28, 2007 is filed as Exhibit 99.1 to this Current Report and is incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits

(d) Exhibits

Exhibit 99.1 Press Release dated September 28, 2007 (filed herewith).

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

WESCO INTERNATIONAL, INC.

By: /s/ Stephen A. Van Oss

Stephen A. Van Oss
Senior Vice President and Chief Financial and
Administrative Officer

Dated: September 28, 2007



NEWS RELEASE

WESCO International, Inc. / Suite 700, 225 West Station Square Drive / Pittsburgh, PA 15219

WESCO International, Inc. Announces New \$400 Million Share Repurchase Program

Contact: Stephen A. Van Oss, Senior Vice President and
Chief Financial and Administrative Officer

WESCO International, Inc. (412) 454-2271, Fax: (412) 454-2477

<http://www.wesco.com>

PITTSBURGH, September 28 /PRNewswire-FirstCall/ □ WESCO International, Inc. (NYSE: WCC), a leading provider of electrical MRO products, construction materials and advanced integrated supply procurement outsourcing services, announced today that the \$400 million stock repurchase program, announced on February 1, 2007, has been completed. WESCO also announced that its Board of Directors has authorized a new stock repurchase program in the amount of up to \$400 million. The shares may be purchased from time to time in the open market or through privately negotiated transactions. The stock repurchase program may be implemented or discontinued at any time by the Company.

###

WESCO International, Inc. (NYSE: WCC) is a publicly traded Fortune 500 holding company, headquartered in Pittsburgh, Pennsylvania, whose primary operating entity is WESCO Distribution, Inc. WESCO Distribution is a leading distributor of electrical construction products and electrical and industrial maintenance, repair and operating (MRO) supplies, and is the nation's largest provider of integrated supply services. 2006 annual sales were approximately \$5.3 billion. The Company employs approximately 7,000 people, maintains relationships with over 29,000 suppliers, and serves more than 110,000 customers worldwide. Major markets include commercial and industrial firms, contractors, government agencies, educational institutions, telecommunications businesses and utilities. WESCO operates seven automated distribution centers and approximately 400 full-service branches in North America and selected international markets, providing a local presence for area customers and a global network to serve multi-location businesses and multi-national corporations.

The matters discussed herein may contain forward-looking statements that are subject to certain risks and uncertainties that could cause actual results to differ materially from expectations. Certain of these risks are set forth in the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2006, as well as the Company's other reports filed with the Securities and Exchange Commission.