

CMC MATERIALS, INC.
 ATTN: H. CAROL BERNSTEIN
 870 N. COMMONS DRIVE
 AURORA, IL 60504

VOTE BY INTERNET

Before The Meeting - Go to www.proxyvote.com

Use the Internet to transmit your voting instructions and for electronic delivery of information. Vote by 11:59 p.m. Eastern Time on March 2, 2021 for shares held directly and by 11:59 p.m. Eastern Time on February 28, 2021 for shares held in a Plan. Have your proxy card in hand when you access the web site and follow the instructions to obtain your records and to create an electronic voting instruction form.

During The Meeting - Go to www.virtualshareholdermeeting.com/CCMP2021

You may attend the meeting via the Internet and vote during the meeting. Have the information that is printed in the box marked by the arrow available and follow the instructions.

VOTE BY PHONE - 1-800-690-6903

Use any touch-tone telephone to transmit your voting instructions. Vote by 11:59 p.m. Eastern Time on March 2, 2021 for shares held directly and by 11:59 p.m. Eastern Time on February 28, 2021 for shares held in a Plan. Have your proxy card in hand when you call and then follow the instructions.

VOTE BY MAIL

Mark, sign and date your proxy card and return it in the postage-paid envelope we have provided or return it to Vote Processing, c/o Broadridge, 51 Mercedes Way, Edgewood, NY 11717.

TO VOTE, MARK BLOCKS BELOW IN BLUE OR BLACK INK AS FOLLOWS:

D29427-P47771

KEEP THIS PORTION FOR YOUR RECORDS
 DETACH AND RETURN THIS PORTION ONLY

THIS PROXY CARD IS VALID ONLY WHEN SIGNED AND DATED.

CMC MATERIALS, INC.

The Board of Directors recommends you vote FOR the following:

1. Election of Directors

For All Withhold All For All Except

To withhold authority to vote for any individual nominee(s), mark "For All Except" and write the number(s) of the nominee(s) on the line below.

Nominees:

- 01) Barbara A. Klein
- 02) David H. Li
- 03) William P. Noglows

The Board of Directors recommends you vote FOR proposals 2, 3 and 4.

For Against Abstain

2. Non-binding stockholder advisory approval of our named executive officer compensation.

3. Ratification of the selection of PricewaterhouseCoopers LLP as the company's independent auditors for fiscal year 2021.

4. Approval of the CMC Materials, Inc. 2021 Omnibus Incentive Plan.

NOTE: Such other business as may properly come before the meeting or any adjournment thereof.

Please sign exactly as your name(s) appear(s) hereon. When signing as attorney, executor, administrator, or other fiduciary, please give full title as such. Joint owners should each sign personally. All holders must sign. If a corporation or partnership, please sign in full corporate or partnership name by authorized officer.

 Signature [PLEASE SIGN WITHIN BOX] Date

 Signature (Joint Owners) Date

Important Notice Regarding the Availability of Proxy Materials for the Annual Meeting:

The Annual Report and Proxy Statement are available at www.proxyvote.com.

D29428-P47771

**CMC MATERIALS, INC.
Annual Meeting of Stockholders
March 3, 2021 8:00 AM, Central Standard Time
This proxy is solicited by the Board of Directors**

The undersigned stockholder of CMC MATERIALS, INC., a Delaware corporation (the "Company"), hereby appoints William P. Noglows and H. Carol Bernstein, and each of them, proxies and attorneys-in-fact of the undersigned, each with full power of substitution, to attend and act for the undersigned at the Annual Meeting of Stockholders to be held on Wednesday, March 3, 2021 at 8:00 AM, Central Standard Time, via the Internet through a virtual web conference at www.virtualshareholdermeeting.com/CCMP2021, and at any adjournments or postponements thereof, and in connection therewith to vote and represent all of the shares of common stock of the Company which the undersigned would be entitled to vote.

Each of the above-named proxies at said meeting, either in person or by substitute, shall have and exercise all of the powers said hereunder. In their discretion, each of the above-named proxies is authorized to vote upon such other business incident to the conduct of the Annual Meeting as may properly come before the meeting or any postponements or adjournments thereof. The undersigned hereby revokes all prior proxies given by the undersigned to vote at said meeting.

If no instructions are indicated herein, this proxy will be treated as a grant of authority to vote for the proposals and any other matters to be voted upon at the Annual Meeting or at any postponements or adjournments thereof.

Continued and to be signed on reverse side