

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

August 21, 2025

Thomas Durkin Chief Executive Officer AG Mortgage Investment Trust, Inc. 245 Park Avenue, 26th Floor New York, New York 10167

> Re: AG Mortgage Investment Trust, Inc. Registration Statement on Form S-3 Filed August 15, 2025 File No. 333-289647

Dear Thomas Durkin:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact David Link at 202-551-3356 with any questions.

Sincerely,

Division of Corporation Finance Office of Real Estate & Construction

cc: Tianlu Zhang