

051424-12

TO: Alchemco Sales Staff and Sales Representatives
Alchemco Technical Staff
Authorized Alchemco Distributors

FROM: Technical Director & Chief Architect

DATE: May 14th, 2024 (Updated)

SUBJECT: FLY ASH

POWDER FLY ASH

To maintain the effectiveness of TechCrete 2500, CretePro and BridgeDeck waterproofing products, powder form of fly ash within the concrete mix should be limited to **17%** by weight of the total concrete mix design.

E5 LIQUID FLY ASH

The presence of E5 liquid fly ash is detrimental to the effectiveness of TechCrete 2500, CretePro and Bridgedeck Waterproofing Systems. The use of E5 liquid fly ash is not recommended with the use of Alchemco waterproofing products.

E5 liquid fly ash is a specific form of fly ash that has been processed into a slurry or liquid form. Fly ash, in general, is often used in construction due to its pozzolanic properties, which means it can react with calcium hydroxide in the presence of moisture to form compounds with cementitious properties.

Any questions should be directed to the Technical Department or one of the members of the Technical Team.