

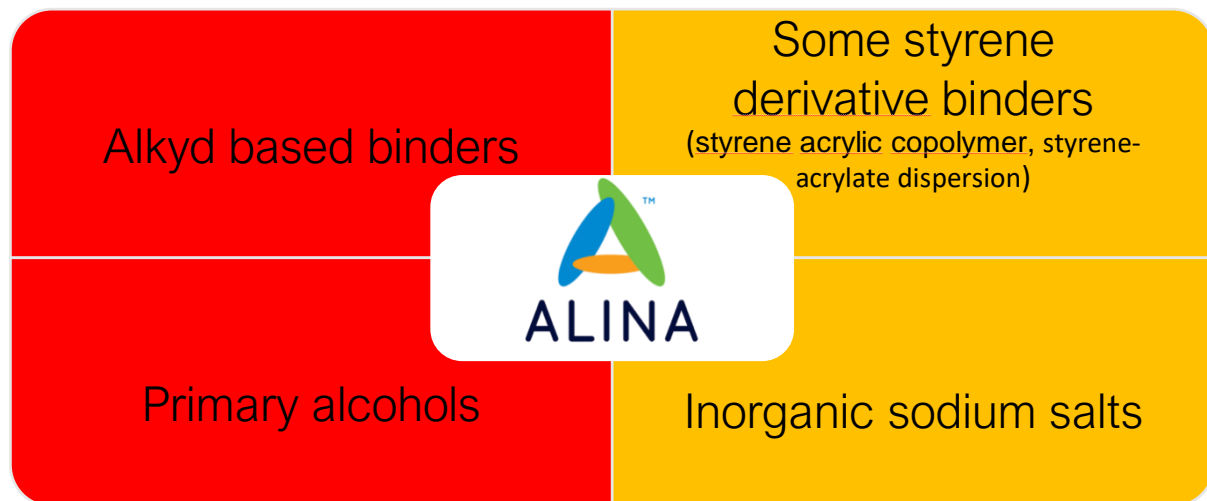
ALINA LIFE™ APPLICATION GUIDELINE

ALINA LIFE™ products T65W and F50W are a novel multifunctional filler material, environment-friendly and easy-to-use montmorillonite mineral, that prolongs the life and improves the striking appearance of eco & natural finishing products.

The ALINA research and development team, in cooperation with EU paint manufacturers, has developed recommendations about ALINA LIFE™ product compatibility with other chemical compounds for novel paint formulation development.

Tests of paint formulations have provided necessary evidence to identify chemical compounds that are incompatible or not recommended with ALINA LIFE™ products.

Incompatible compounds



Warning compounds

- Primary alcohols incompatible (ethanol, isopropanol, etc.).
- Incompatible with alkyd based binders (e.g. Secoia 1400, W'Sol NW 474, WorleeKyd L8004, W'Sol VGT 8709).
- Observed incompatibilities with some styrene derivated binders, where styrene molecules interact with ALINA active ingredients (e.g. CHP 506 - styrene acrylic copolymer, Acronal 6292 – styrene/acrylate dispersion).
- Inorganic sodium salts (e.g. Na₂S₂O₃, Na₂HPO₄, (NaPO₃)₆) change the total charge of the organoclay, resulting in coagulation of the organoclay additive.
- ALINA organoclay significantly affects rheology of binders such as Alberdingk AC 2003 and Acronal LR 9014 (liquid binder became paste-like mass).