



Blistering

CAUSES

1. Gluing two surfaces that are wet will cause both surfaces to expand, however, when the surfaces begin to dry out they do not shrink or contract at the same rate causing blistering.
2. Differential in shrinkage between the paper and board being glued, i.e., board is drying out more slowly than the paper.
3. One sided, shiny, coated paper stocks can entrap the moisture leaving no place for water to go - this can cause blistering.

REMEDIES

1. Use jelly and dryflex products high in solids where the bond develops rapidly to compensate for differential in paper and board shrinkage rate.
2. Use high solids formulas with glycerin to help wet out paper and board surfaces to combat blistering.
3. Adjust adhesive application to reduce the amount being applied.
4. Monitor carefully paper and board stocks purchased.