## APPLICATION NOTE 1403

# Liquid crystal inks and sheets utilized in manufacture of color changing glass tiles 

Moving Color contacted LCR Hallcrest with the idea of incorporating a color change technology into glass tiles for the architectural world. This color changing glass tile is activated by warm or hot shower water creating a change in tile color and a dramatic rainbow effect. The base color is designed to color coordinate with the decorating scheme and the change in color is intended to enhance the users experience when showering.

- Requirement: Moving Color needed a technology that could be applied to glass tiles and then sealed with their proprietary epoxy coating.
- Solution: LCR offered liquid crystal coatings and sheets that covered the requested temperature ranges as well as produced a visual 'pop' for the consumer when the tiles changed colors. Both products allowed Moving Color the flexibility to use them in various sized tiles.
- Product Details
- Sprayable Liquid Crystal coatings (various temperature ranges)
- Liquid Crystal Sheets (various temperature ranges)
- Benefits
- Showcased them as a pioneer in the architectural supply field as the color changing tiles have been featured on several home improvement television shows.
- Offered an infinite number of design possibilities.
- Provided Moving Color with a product line that could be offered to its high end clientele.


For further information contact sal@hallcrest.com or visit www.hallcrest.com and let us show you what we can do!

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[^0]:    LCRHallcrest is an international manufacturer of color and chemical changing temperature measurement labels, indicators and graphics with in-house design, development and manufacturing capability that offers solutions for unique temperature identification problems.

