N-BOND UV PRIMER FOR GLASS PRINTING

Ultra-thin molecular primer for UV curable ink jet printing on glass and ceramic, for maximum permanent adhesion

The new generation of primer technology for printing on glass

BENEFITS:

N-Bond-UV-Primer is an innovative, high performance, bonding primer using the latest technologies to enable UV curable inks to obtain superior adhesion on difficult-to-adhere surfaces such as glass, ceramic tiles and certain metals. It forms and creates a molecular bond between the organic ink, and the inorganic substrate.

As a primer, it is applied to the inorganic substrate before the print process. In this case, N-Bond-UV-Primer is in the optimum position (in the interphase region), where it can be most effective as an adhesion promoter. With N-Bond-UV-Primer, a poorly adhering UV curable ink can be converted to a material that will maintain adhesion even if subjected to severe environmental conditions.

TECHNICAL PROPERTIES:

• Developed especially for UV - ink and glass
• Ultra-thin, true nano-scale final layer
• Cures at room temperature without UV
• Durable moisture and water resistance
• Fast cross linking with the substrate.
• Improves scratch resistance of ink layers
• Permanent bond
• Improve thermal stability + durability of prints
• Fast printing depending on ink/substrate
• One component
• Cost effective, highest coverage available
• Up to 10,000 sq. ft. / gallon, 300 m2 / litre
• Invisible, unchanged light transmission rate
• Monolayer technology - not film building
• No need for adhesion promotor in inks
• Streak free finish
• Reduced need for chemicals to prepare glass
• Simple spray and wipe on application
• Self assembling curing process.
• Can be packed in sachet form (wet wipe)

First time in the U.S.A.
Las Vegas, September 2014