

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

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.

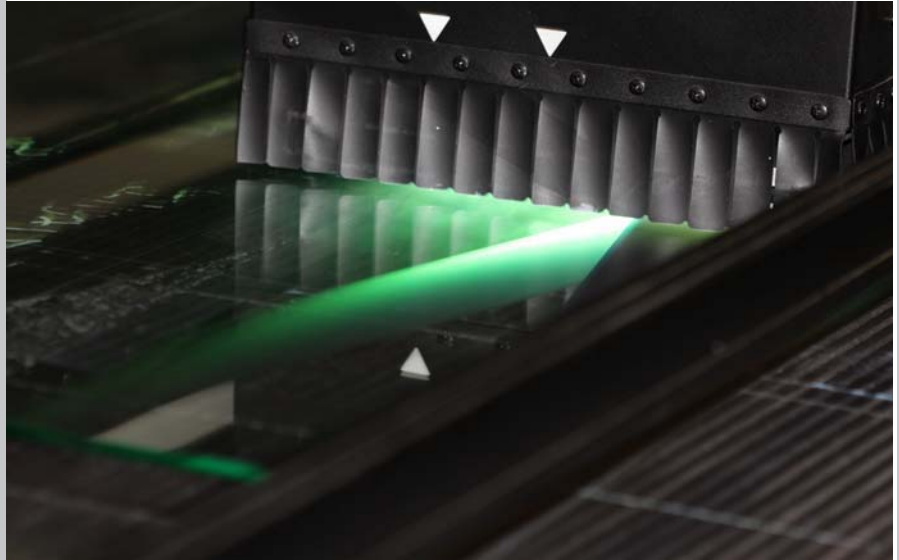
As a primer, it is applied to the inorganic substrate before the print process. In this case, N-Bond-UV-Primer is in the optimum position (in the interphase region), where it can be most effective as an adhesion promoter. With N-Bond-UV-Primer, a poorly adhering UV curable ink can be converted to a material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



The new generation of primer technology for printing on glass



N-Bond delivers perfect cross hatch test results on all colours.

N-Bond has been tested with excellent boiling water resistance, and 24 hour cold water immersion.



N-Bond enables to leave absolute clear sections of unprinted areas without any additional work required.



N-Bond is a brand new product and for the first time in the U.S.A. at the GlassBuild 2014.

