

SIA Baltink announces the start of production of an innovative UV coating Labitex UV 909 CC. When printed with "Cast and Cure™" technology in combination with matt clear lamination film, you get an outstanding soft touch effect, abrasion resistant and odorless surface. The higher the opacity of the used film, the more pronounced the soft touch effect will be. To implement the technology, a narrow web flexo printing machine with a cold stamping unit is required.

Cast and Cure™ technology is used to create unique decorative effects on a variety of substrates for food packaging, exclusive stickers and labels, brochures, brand safety and other products.

Substrates:

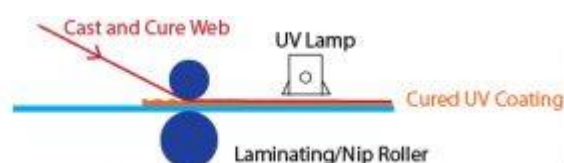
- o Multilayer labels
- o Paper and cardboard
- o Self-adhesive films
- o Tube laminate and various types of plastics
- o Heat shrinkable films

"Cast and Cure™" technology can use any laminate to roll onto the UV-curable coating. Unlike applying, for example, foil, the film here serves only to transfer its surface microrelief to the surface of the varnish. That is, the transfer of the elements of the film itself to the base does not occur. This allows the film to be used multiple times - often up to twelve times or more.

"Cast and Cure™" is an environmentally friendly and economical technology. The varnish does not contain harmful volatile organic compounds. "Cast and Cure™" makes packaging easier to recycle by eliminating the lamination process.



An uncured UV coating applied to the substrate.



The lamination film is applied over the uncured UV coating.



The UV coating with a decorative effect transferred to it is cured through the film, the film is peeled off (can be reused).