

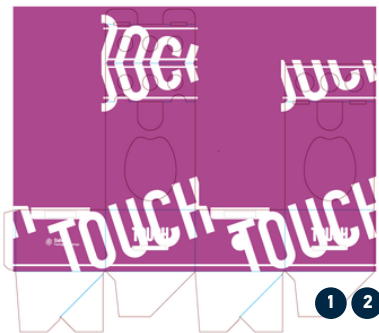
TUTORIAL: SPARKLING WINE COOLER



Project Introduction

This project showcases a sparkling wine cooler designed to combine refined aesthetics with functional performance. Layered coating applications create a striking visual appearance while delivering effective water and vapour barrier properties to safely hold ice and keep the piccolo bottle cool over time. High-gloss and pearlescent surface effects enhance shelf and gifting appeal, while Repura™ barrier coatings on the inside and outside protect the packaging against moisture exposure and ensure safe direct food contact.

Project Description

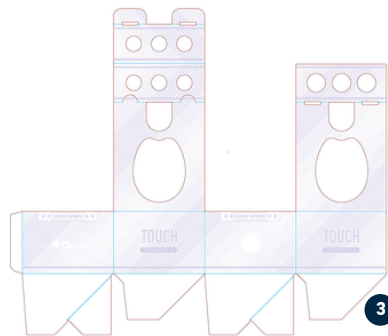


Layer 1:

Applied to the outer part of the tray, **Senolith® WB FP Matt Primer 20F 2010** creates a uniform, dull matt surface that prepares the board perfectly for subsequent decorative finishing. The primer ensures consistent appearance and optimal adhesion for effect and gloss layers applied on top.

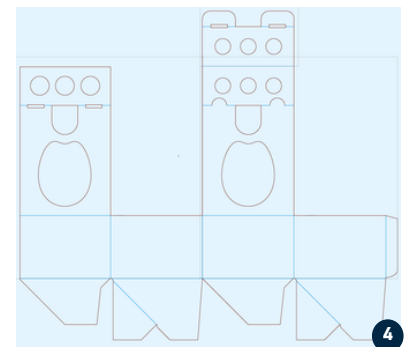
Layer 2:

Senolith® WB Effect Primer Pearlescent 7215 delivers a delicate pearlescent effect after offset printing, enhancing visual depth and elevating the overall surface appearance.



Layer 3:

Senolith® UV High Gloss Varnish Inline 82F 2500 delivers a brilliant, high-gloss finish that elevates the visual appeal. Its stampable properties also allow for additional embellishments like hot foil, adding flexibility to the design process.



Layer 4:

Applied to the inner part of the tray on the reverse side of the board, **Senolith® WB FP Plus Gloss Coating Surf Resistant 60F 3720** delivers a robust, moisture-resistant surface on the absorbent substrate. The coating supports controlled liquid interaction during chilled use, contributing to reliable performance and a well-protected inner structure.

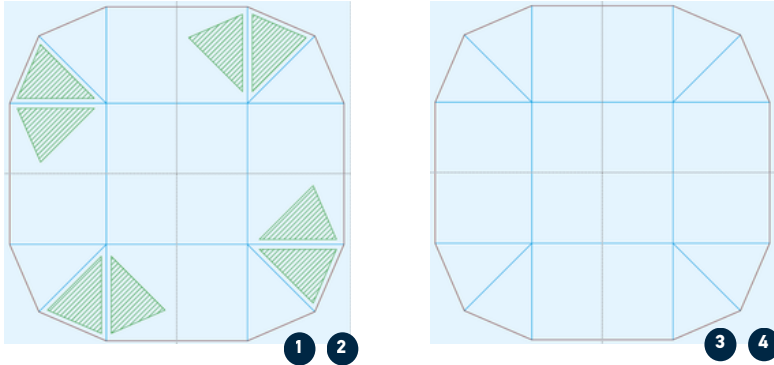
Cooperation partner:



Our team is keen to help you out, for further information and individual consultation.

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Project Description



Layer 1:

Repura™ WB FP Plus Barrier Primer 60F 2065 is applied on the inside of the inlay to create a uniform, well-sealed surface and to prepare the substrate for subsequent barrier coatings. This primer layer supports reliable adhesion and consistent barrier performance in moisture-challenging conditions.

Layer 2:

Repura™ WB FP Plus Barrier Coating 60F 3025 is applied to the inner surface to deliver effective water and water-vapour barrier protection. Designed for direct food contact, this layer enables safe ice contact while helping to keep the Champagne bottle cool and protected.

Layer 3:

Applied to the outer area of the bowl on the reverse side of the board, **Repura™ WB FP Plus Barrier Primer 60F 2065** conditions the paper-based substrate and evens out the surface. By stabilising the material prior to further coating steps, the primer contributes to secure layer build-up, structural robustness, and dependable barrier functionality under moisture exposure.

Layer 4:

On the outside of the inlay, again on the reverse side of the board, **Repura™ WB FP Plus Barrier Coating 60F 3025** completes the barrier system. By shielding the structure from ambient moisture, the coating contributes to consistent shape retention and long-term functionality of the packaging solution.

Key data:

Substrate	MetsäBoard Prime FBB Bright 305 g/m2
Offset inks	Huber Corona MGA
Offset Printing Plates	Kodak Trillian
Flexographic printing plates	Seal F
Printing process	Offset Printing and Flexo Printing
Coatings	Stahl Packaging Coatings

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