NORPOL VBC Barriercoat

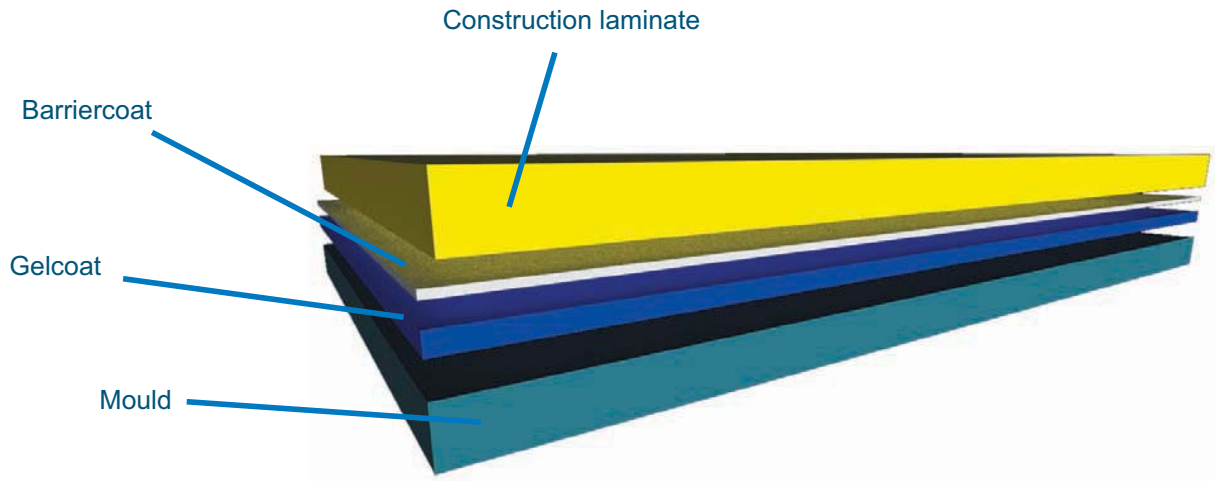
Improving Surface Aesthetics

REICHHOLD

Are you looking for ways to improve the aesthetics of your end products?

The trends towards darker colours, complex shapes and infusion technology makes the aesthetics of your end product become more and more important and challenging.

Shrinkage of glass fibre laminates can result in print through and irregularities in the surface. This can give an undesired texture that detracts from the product's appearance and performance.



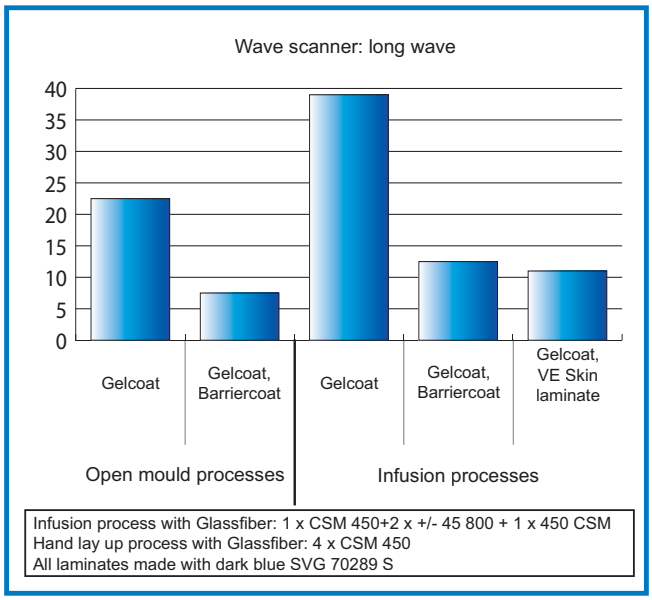
Barriercoat is a non-reinforced layer between the gelcoat and the construction laminate.

The solution is NORPOL VBC Barriercoat

- Surface Aesthetics: Improves surface aesthetics of your end products by reducing the effect of glass fiber print through and other irregularities.
- Hydrolytic Stability: Improves osmosis resistance and minimises blistering for marine products.
- Application Properties: Spraying Barriercoat simplifies the manufacturing process as compared to using skin laminate which includes a hand lay-up laminating process.

NORPOL VBC Barriercoat will help you reduce fiber print through and obtain a smoother surface on the finished laminate. Using Barriercoat as opposed to skin laminate saves processing times.

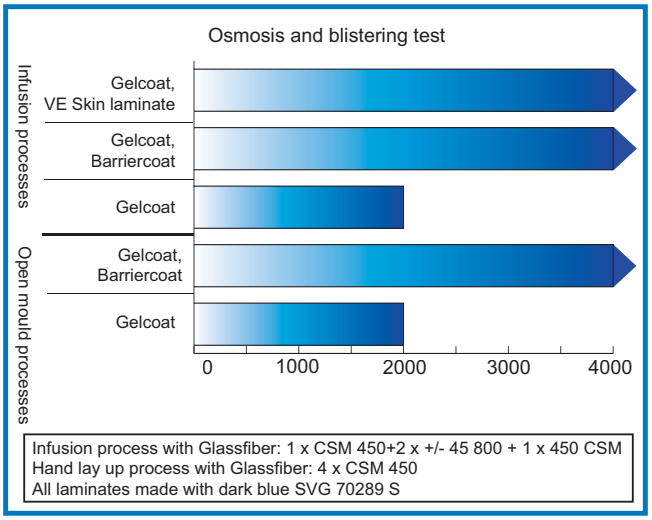
Surface Aesthetics, Hydrolytic Stability and Efficient Processing



Infusion process with Glassfiber: 1 x CSM 450+2 x +/- 45 800 + 1 x 450 CSM
Hand lay up process with Glassfiber: 4 x CSM 450
All laminates made with dark blue SVG 70289 S

Excellent surface aesthetics

- Barriercoat in combination with open mould processes gives the very best result.
- Barriercoat or skin laminate in combination with infusion process gives equally good surface aesthetics.
- Infusion process without any intermediate layer gives moderate surface aesthetics.



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Hand lay up process with Glassfiber: 4 x CSM 450
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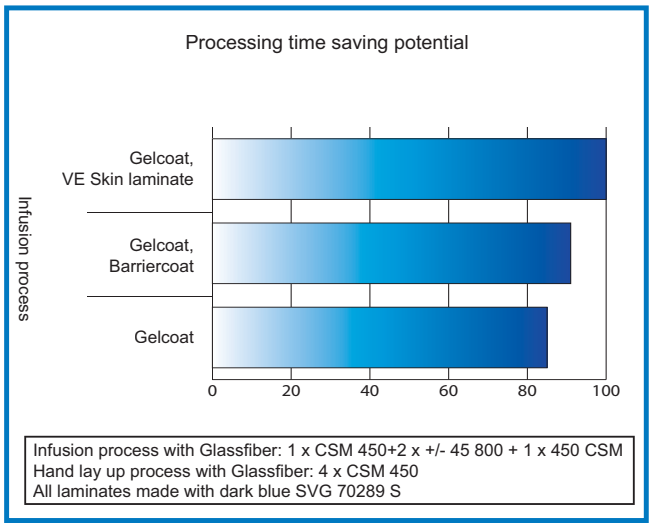
Improved hydrolytic stability

- NORPOL VBC Barriercoat is based on Vinyl ester resins ensuring long term hydrolytic stability.
- The use of NORPOL VBC Barriercoat improves osmosis and blistering resistance of the laminate.



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Saving processing time

- The use of NORPOL VBC Barriercoat instead of skin laminate will improve overall processing time.