



MASILVA USA
THE PERFECT FIT FOR YOUR WINE



Evolving Cork Technology

Preventative measures in the forest, followed by innovative and technological production processes, produce the optimal quality for both natural and technical corks.

THE HIGHEST STANDARD FOR CORK CLEANING & STERILIZATION

Corks are cleansed in multiple sequential steps to remove unwanted polyphenols and anisoles including TCA, resulting in maximum neutrality. Complete vertical integration ensures optimal quality from forest to bottle.

OUR PROCESSES

Seasoning & Stabilization

Dynavox®

SARA Advanced®

NEO®

Maszone®

"Our investment in new technology is an investment in our customers. M. A. Silva's ongoing research and development ensures that our packaging solutions are best in class."

-Neil Foster, President and Co-Founder of M. A. Silva



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Seasoning & Stabilization

We transport all cork wood immediately after harvest from the forest to our purposely built storage facility, for optimal seasoning and stabilization over a minimum period of 6 months.



Dynavox® Pressurized Boiling System

This innovative boiling system optimizes the extraction of volatiles such as TCA and other phenolic compounds. The closed chamber design delivers high pressure and water temperature, maximizing extraction and subsequent removal of these volatiles. The natural properties of cork are improved in elasticity and structure during this process.



SARA Advanced® Steam Temperature Pressure

Our newest innovative cleansing process uses the elastic memory of cork by expansion through dry steam. This technology penetrates deep into the pores while maintaining the natural performance properties of the cork cellular structure. The result is maximized neutrality and TCA reduction in both natural corks and cork discs.



NEO® Maximized TCA Removal

Used on all technical cork granules, this proprietary process uses fluidized bed technology to maximize surface area exposure of the granules through a gaseous suspension to produce a gas-solid reaction. The result is the removal of TCA and other volatile compounds for optimal neutrality. The natural physical-mechanical properties of cork are preserved.



MASZONE® Washing System

The final cleansing and neutralizing step for all cork products utilizes not only hydrogen peroxide, but also ozone, to create the more powerful peroxone to further remove phenols and anisoles. Organic impurities are further reduced and the surface texture of the cork improves in uniformity, allowing for a higher quality of artwork application.



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