VIVA NEO PRESTIGE®
Cork Stoppers





VIVA® stoppers are responsible for sealing some of the best sparkling wines in the world.

Resistant to the highest pressures, they naturally maintain the best M.A.SILVA consistency and quality. M.A.SILVA's portfolio has different VIVA® cork stoppers with different technical specifications.

TECHNOLOGIES



DYNAVOX®Raw material sterilization and vaporization



NEOTECH®

Sterilisation and vaporisation of granules



MASZONE® Elimination of microorganisms

SUSTAINABILITY

ALL FOR THE ENVIRONMENT

Our actions are proven through the quality of our cork stoppers, the partnerships we build, the figures we present and our contribution to an increasingly greener world.



NEGATIVE CARBON FOOTPRINT

Study carried out by KPMG according to the Group's strategic sustainability axis.



Technical Sheet **IVA NEO PRESTIGE®** Cork Stoppers



TECHNICAL SPECIFICATIONS

PHYSICAL-MECHANICAL

Lenght Diameter Dimensional Recovery Moisture Specific weight Boiling water resistance Torsion moment: Shear Strength Torsion angle: Sealing capacity: Chamfer:

Granules size:

 $X \pm 0.5 \, mm$ $X + 0.3 \, \text{mm}$ > 90% 4%-8% 240 - 320 kg/m3 No disintegration ≥ 35 daN.cm ≥ 6 daN/cm2 > 35° No leaks at 6 bar (at 20°C) $3.5 - 4.5 \, \text{mm}$

0,5 mm –1 mm

STANDARD DIMENSIONS

48x29,5 mm, 48x30,5 mm, 48x31 mm

PHYSICAL-CHEMICAL

TCA (1)

< 0,5 ng/L $^{(l)}$ $^{(l)}$ Quantification limit of 0,5 ng/L Analysis performed in accordance to ISO 20752.

PRODUCTION

Moulding Process Brandina Fire

STORAGE

Use no later than Moisture in storage Storage temperature Storage place

40%-70% RH 15°C-20°C | 59°F-68°F

Store the stoppers in a clean, well-ventilated and odor-free place, away from products containing chlorine.

PRODUCTION FLOW

Raw Material

CORK OAK STRIPPING [Cork planks are stripped from cork oak trees]

GC/MS TCA CONTROL

YARD STABILIZATION

[Planks are stored from 6 to 9 months on a concrete floor]

BOILING DYNAVOX® SYSTEM

[Planks are sterilized and disinfected through a vaporized pressure system.

GC/MS TCA CONTROL

STABILIZATION AFTER BOILING

[Stabilization period after vaporization]

CORK PLANKS SORTING FOR **PRODUCTION**

[First sorting of planks for production]

Production

GRINDING Cork granule production process

STERILIZATION NEOTECH® SYSTEM Cork granules are vaporized

and sterilized

GC/MS TCA CONTROL AGLOMERATION

Production of micro agglomerated bodies GC/MS TCA CONTROL

ELECTRONIC GRADING ----2D AND 3D Electronic sorting

DRYING Final moisture definition

GC/MS TCA

WASHING MASZONE® SYSTEM Washing and sterilization **DUSTING**

CORRECTION **OF SIZES**

Precise correction of corks sizes

Customization and Packaging

PRINTING FINAL TREATMENT To facilitate the bottling process Customized printing on stoppers

GC/MS TCA CONTROL

PACKAGING According to specifications