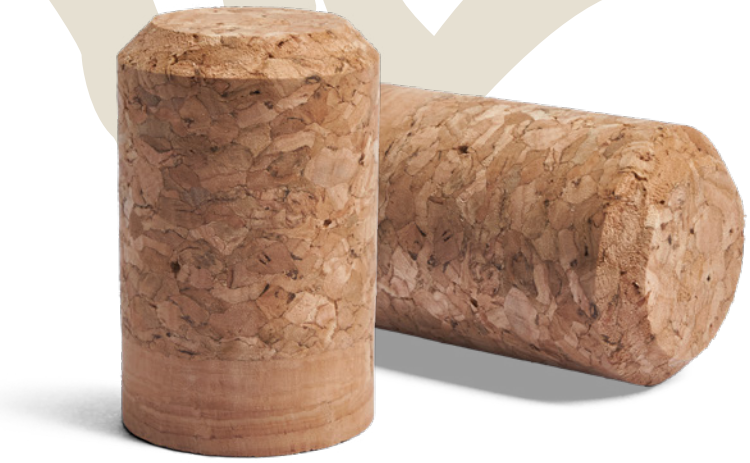
Technical Sheet

VIVA.2 ® Cork Stoppers

M·A·SILVA
Premium 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

SARA ADVANCED®
Extraction of volatiles and sensory standardization

MASZONE®
Elimination of microorganisms

FSC
www.fsc.org
FSC® C009204
The mark of responsible forestry
Products are available as FSC® certified on request

We can supply FSC® certified products (FSC – C009204) upon request.

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.

CO_2

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

-589,2 g

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TECHNICAL SPECIFICATIONS

PHYSICAL-MECHANICAL	
Lenght	X ± 0,5 mm
Diameter	X ± 0,3 mm
Dimensional Recovery	> 96%
Moisture	4% – 8%
Specific weight	240 – 320 kg/m3
Boiling water resistance	No disintegration
Discs thickness	≥ 4,5 mm | ≥ 5,5mm
Torsion moment	≥ 35 daN.cm
Shear Strength	≥ 6 daN/cm2
Torsion angle	≥ 35°
Sealing capacity	No leaks at 6 bar (at 20°C)
Chamfer	3,5 – 4,5 mm

PRODUCTION	
Process	Moulding
Branding	Fire

STORAGE	
Use no later than	6 months
Moisture in storage	40% – 70% RH
Storage temperature	15°C – 20°C | 59°F – 68°F
Storage place	Store the stoppers in a clean, well-ventilated and odor-free place, away from products containing chlorine.

STANDARD DIMENSIONS 47×29,5 mm | 48×29,5 mm | 48×30,5 mm | 48×31 mm

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 agglomerated bodies

GC/MS TCA CONTROL

DISC PRODUCTION
Thinner strips of cork Flor grade are punched for disc purposes

ELECTRONIC GRADING 2D AND 3D
Electronic sorting to determine visual classes of the discs.

STERILIZATION SARA ADVANCED® SYSTEM
Cork stoppers are vaporized and sterilized

GC/MS TCA CONTROL

GLUING
Assembly of agglomerated bodies and discs with grade glue

GC/MS TCA CONTROL

CORRECTION OF SIZES
Precise correction of corks sizes

DUSTING DOWN

WASHING MASZONE® SYSTEM
Washing and sterilization

GC/MS TCA CONTROL

DRYING
Final moisture definition

ELECTRONIC GRADING 2D AND 3D
Electronic sorting to determine visual classes.

Customization and Packaging

PRINTING
Customized printing on stoppers

FINAL TREATMENT
To facilitate the bottling process

GC/MS TCA CONTROL

PACKAGING
According to specifications