

Technical sheet

NEO SELECT®

MICRO AGGLOMERATE STOPPERS



NEO® cork stoppers are technical cork stoppers, produced using granules sterilised by one of M.A.SILVA's most innovative and revolutionary technologies - NEOTECH®

This technology allows improving the performance and properties of cork's natural characteristics, in addition to guaranteeing the elimination of TCA. M.A.SILVA's portfolio has different cork stoppers subjected to this technology, with different technical specifications.

We move to produce the best, while taking care of the best. It's our nature. We take care of what is ours and of future generations. We take care of the oak forest, which brings us life. We take care of the raw materials we select. We take care of the natural components we choose. We take care of the production process from start to finish. We take care of the wines we preserve. We take care of what makes us move.

TECHNOLOGIES



DYNVOX®

Raw material sterilization and vaporization



NEOTECH®

Sterilisation and vaporisation of granules



MASZONE®

Elimination of microorganisms



The mark of
responsible forestry
Products are available
as FSC® certified on
request

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

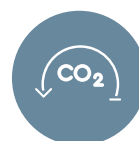
SUSTAINABILITY

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.

NEGATIVE CARBON FOOTPRINT

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





TECHNICAL SPECIFICATIONS

NEO SELECT® micro-agglomerate cork stoppers, which incorporate more eco friendly components throughout their 100% vertical production process. Technical stoppers with the benefits of an more ecological cork stopper and the feel of a natural stopper. The best choice for those who decide bearing in mind the planet and the quality of the wine to be preserved.

PHYSICAL-MECHANICAL

Lenght	X ± 0,5 mm
Diameter	X ± 0,3 mm
Dimensional recovery	>96%
Moisture	3% < HR < 7%
Specific weight	+/- 40kg/m ³
Boiling water resistance	No desintegration
Sealing capacity	No leaks at 2 bar (a 20°C)
Chamfer	2,5 mm
Granules size	0,5 mm - 1 mm
Microspheres	No use
Bonding agent	Plant-based polyol

STANDARD DIMENSIONS

49x24 mm | 49x25 mm

PHYSICAL-CHEMICAL

Stopper extration forces
OIR - OTR (1) 6 months
12 months
Per year, after 12 months

15daN<Fe<45daN
0,89 mg
1,00 mg
0,05 mg

(1) OIR - Oxygen Initial Release. OTR - Oxygen Transfer Rate. Results obtained by chemiluminescence with CETIE bottles.

TCA (2)

< 0,5 ng/L

(2) Quantification limit of 0,5 ng/L. Analysis performed in accordance to ISO 20752.

PRODUCTION

Process
Branding

Moulding
Ink, laser and fire.

STORAGE

Use no later then (3)

6 months

(3) As a good practice, the product should be used according to the FIFO methodology and as soon as possible, keeping the bags closed.

Moisture in storage
Storage temperature

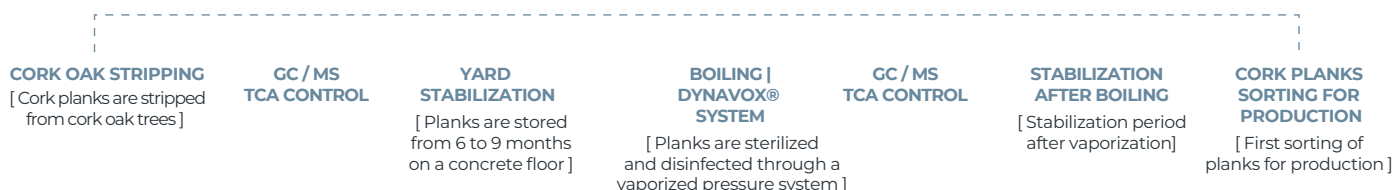
40% – 70% RH
15°C – 20°C | 59°F – 68°F

Storage place

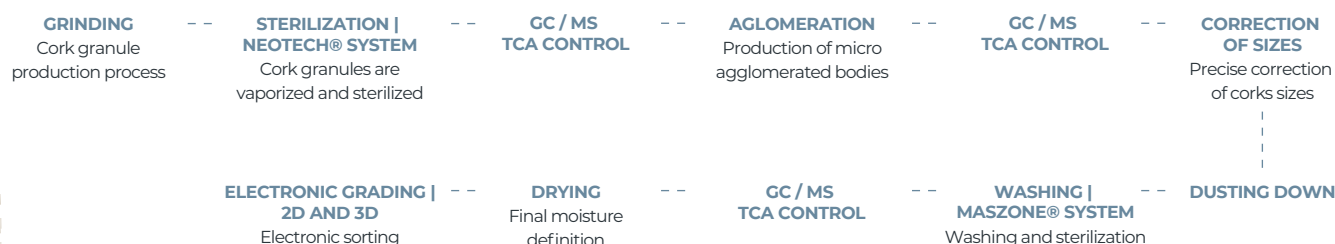
Store the stoppers in a clean, well-ventilated and odor-free place, away from products containing chlorine.

PRODUCTION FLOW

Raw Material



Production



Customization and Packaging

