



SILITE

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 Perlite: Silite Mini Speed, Silite Mini Speed Nano, Silite Normal Speed, Silite High Speed, Silite High Speed SP, Silite High Speed HF

→ TECHNICAL DESCRIPTION

In continuous dosing filtration, filter aids are used for delaying the clogging of the filtering layer, forming a porous structure which remains stable throughout the entire filtration period; filter aids deeply blend with particles building turbid matter and make the coat uncompressable.

They are obtained from rocks of volcanic origin with glassy structure, expanded at 1000°C in vertical ovens, then ground and selected according to their granulometry. They have a high apparent specific weight, which allows a saving of 20-30% in respect of diatomaceous earths.

Silite Mini Speed & Mini Speed Nano: this is a very fine perlite, with low flow-speed, used for tight filtrations, especially the polishing ones. For wines, sweet liqueurs, spirits, fruit juices, syrups, beer, etc.

Silite Normal Speed: this perlite has a medium permeability and is recommended for all uncomplicated filtrations. It is used for normal filtrations.

Silite High Speed-Silite High Speed SP: the high permeability of this perlite makes it ideal for filtering very hazy liquids with a high content of suspended solids. It is classified as perlite for coarse filtrations.

Silite High Speed HF: perlite ideal for filtering very hazy liquids with a high content of suspended solids.

→ COMPOSITION AND TECHNICAL CHARACTERISTICS

Perlite.

Reference: SILITE_TDS_EN_1150922_FILTRATION_Italy





SILITE

CARACTERISTICS	SILITE MINI SPEED	SILITE MINI SPEED NANO	SILITE NORMAL SPEED	SILITE HIGH SPEED	SILITE HIGH SPEED SP	SILITE HIGH SPEED HF
Colour	White	White	White	White	White	White
Permeability (L/m ² /minute)	60-90	≤ 55	110-190	290-360	290-360	330-370
Bulk density (g/mL)	0,08-0,12	0,075 - 0,175	0,08 - 0,12	0,1-0,13	0,1-0,13	0,145-0,165
Floating Particles (5 g/100 mL)	0	<3	<4	<25	<30	<5
Applications	Final filtrations of wines, vinegars, dry spirits, beer, oils, juices, distillates	tight filtration, for wines, sweet liqueurs, spirits, fruit juices, syrups, beer, etc.	Filtrations of wines, sweet spirits, distillates, fruit juices, syrups, beer, industrial drains, etc.	Coarse filtrations of musts, worts, cloudy wines, thick spirits or syrups	Coarse filtrations of musts, worts, cloudy wines, thick spirits or syrups	Coarse filtrations of musts, worts, cloudy wines, thick spirits or syrups

→ DOSAGE

500-1,000 g/m² in pre-panel formation.
20-100 g/hL in flooding.

→ INSTRUCTIONS FOR USE

In filtration.

→ STORAGE AND PACKAGING

Store in a cold and dry place, away from direct sun light.

- Silite Mini Speed:** 15 kg net bags.
- Silite Mini Speed Nano:** 20 kg net bags.
- Silite Normal Speed:** 15 kg net bags.
- Silite High Speed:** 15 kg net bags.
- Silite High Speed SP:** 13 kg net bags.
- Silite High Speed HF:** 13 kg net bags.

