



VULCASCOT

Your trusted, reliable partner
in more than 20 countries!



**MISSION:
CLEAR BEER**

**Optimal beer filtration
and stabilisation solutions**

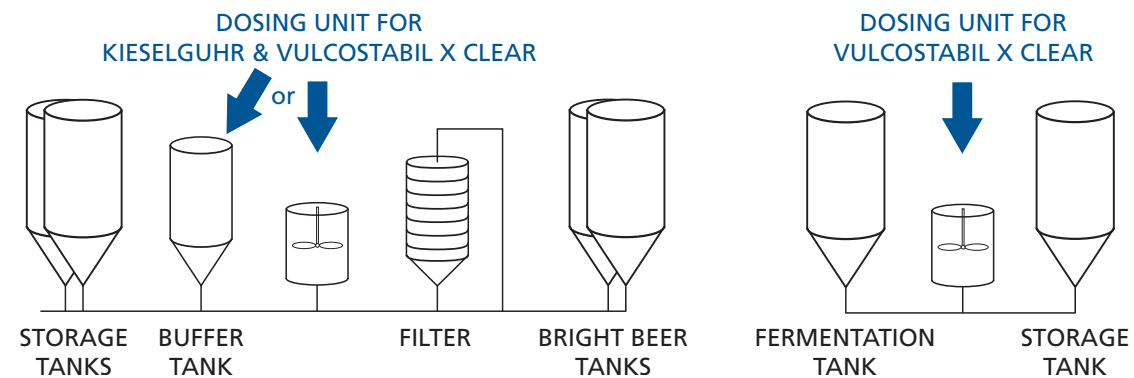
Vulcostabil X CLEAR

Product description:

Vulcostabil X CLEAR is a silica gel with water content volume under 10 % belonging to the group of xerogels. **Vulcostabil X CLEAR** is a stabilisation agent of optimum efficiency, a highly effective silica gel beer stabiliser. Due to its high pore volume **Vulcostabil X CLEAR** is the leading solution to combat haze causing proteins which in turn improves the chemical and physical stability of beer giving a long lasting colloidal stability without affecting the taste.

Dosage:

The dosing of **Vulcostabil X CLEAR** is variable. The standard dosing occurs during diatomaceous earth filtration or before filtration into the buffer tank. It is preferable that the contact time is greater than 10 minutes as the stabilisation will be more effective. Another dosing variant can occur between the fermentation and storage tanks. Recommended dosage is 20 - 50 g/hl. Dosage levels are dependent on the quality of beer (raw materials, technology, etc.) The optimal application is to use **Vulcostabil X CLEAR** together with PVPP (reduction of polyphenols). This combination enables lower quantities of both stabilisers to achieve a successful result.



Vulcofin X (Single Use PVPP)

Product description:

Vulcofin X is a highly effective single use beer stabiliser and is normally applied during beer filtration with diatomaceous earth. Before dosing, the PVPP should be left to swell in water for approximately one hour. **Vulcofin X** is completely separated by the filtration process and absolutely no residue will remain in the beer.

Dosage:

The dosage depends on the beer brewing technology, beer type and guaranteed shelf life.

For normal treatment 10 - 40 g/hl is recommended in combination with silica gel.

Vulcofin X is permitted for use in beverages in all countries with national regulations covering the use of additives and processing aids. Always seek guidance from local regulatory authorities.

Vulcofin XR (Regenerable PVPP)

Product description:

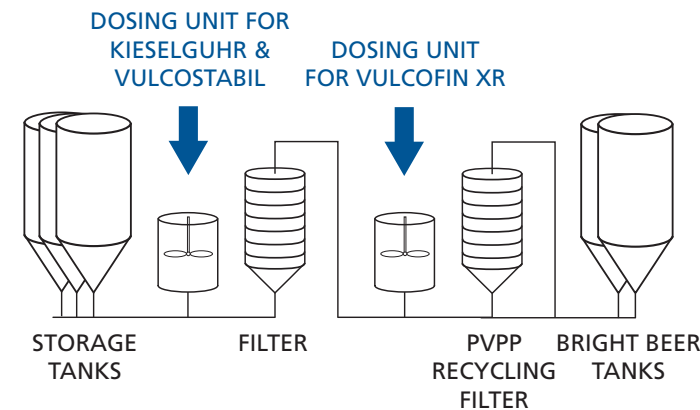
Vulcofin XR is intended for reuse and is used within an additional equipment. Vulcofin XR is coarser grained and mechanically stronger than Vulcofin X.

Vulcofin XR is coarser grained and mechanically stronger than **Vulcofin X**.

Dosage:

Dosage is recommended between 20 - 50 g/hl. In combination with silica gel, dosage can be reduced to 10-40 g/hl in order to achieve comparable colloidal stability.

Our products achieve better clarity and colloidal stability and are constantly under strict control, resulting in reliable guarantees for obtaining optimal beer shelf life.



VULCASCOT recommends the following dosage guidelines:

Product	Shelf life	Dosage g/hl
Silica gel / PVPP	6 months and more	20 - 40 / 10 - 30
Silica gel / PVPP	12 months and more	30-50 / 15 - 40


Please note that the optimal dosage rates will invariably depend on the raw materials used, beer quality, technological conditions, expected shelf life, etc.

Vulcofin XMF (Membrane Beer Filtration)

We recommend our product **Vulcofin XMF** for membrane filtration as a stabilisation agent (PVPP). A suitable particle size distribution for the membranes is achieved. Furthermore **Vulcofin XMF** retains all other PVPP properties for polyphenol reduction.

VULCASCOT offers several additional products to improve clarity and stability, a wide range of filter aids such as diatomite earth, perlites, cellulose and mixed products like **Vulcopure**.

VULCASCOT also offers a wide range filter cartridge called **Vulcostar Clear**, for trap filtration, as well as filter sheets and maintenance to equipment.

A close-up photograph of a beer head on a glass, showing a thick, white, frothy head of foam with some small bubbles visible. The glass is a golden-brown color, and the background is white.

Since 1911, VULCASCOT has been a trusted partner in the field of beverage technology, especially in all matters related to the production of beer. We are the proper partner to assist you throughout the entire process, from sourcing raw materials to bottling. Skilled specialists (engineers, food technologists and master brewers) are ready to share their expertise in order to meet your specific demands and requirements, quickly and efficiently. We can guide you confidently through all phases, from submission of the offer to provision of after-sales services. In this way, we guarantee you lean, smooth processes, products of the highest quality, and assistance in transferring of state-of-the-art process technology, by offering you a customized system, that can be adapted at any time to your requirements.

For further information please refer to our website or contact us directly:

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