

Rani SILO₂

EFFICIENCY IN SILAGE MANAGEMENT

The importance of using oxygen barrier films

The oxygen barrier silage film RaniSilO₂, produced by Rani Plast, has received positive feedback from farmers for its ability to preserve silage quality. RaniSilO₂ is over 100 times more efficient at keeping out oxygen than conventional silage film. Protection against oxygen keeps the respiratory losses of your silage to a minimum.

The efficient oxygen barrier is created with an EVOH-layer using state-of-the art 7-layer technology.

The excellent mechanical properties of RaniSilO₂ efficiently protect your silage during storage as the barrier properties prevent the growth of unwanted bacteria, mold and mycotoxins.


Using RaniSilO₂ will maintain the energy content and nutritional value of your forage, resulting in a positive effect on animal health and performance.

Research shows that oxygen barrier films significantly reduce silage dry matter losses in the top surface of the clamp (by 50 % in the top 100 cm). Dry matter intake (DMI) is the single most important factor affecting milk production, feed costs, and ultimately profitability. On average a 1kg/day increase in DMI can support 2-2.5 kg of additional milk.

RaniSilO₂ can be used as a single film, which makes covering the clamp much easier and less time consuming. The film is also slightly softer than conventional film, for easy levelling over the feed.

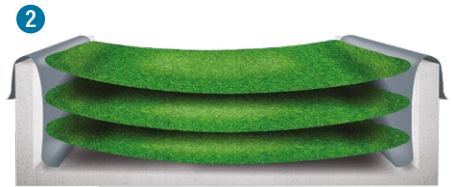
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Properties:

MATERIAL	WIDTHS	OTR	COLOUR	RECYCLING
PE/EVOH/PE With UV-stabiliser	10-20 m	<1cm ³ /m ² d atm (20°C, 65%RH, in 21% O ₂)	Green / Grey	



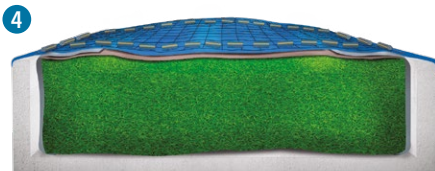
1 Install RaniSidewall film



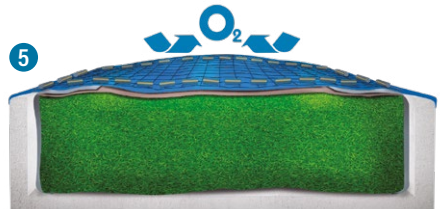
2 Unload and pack silage in thin layers



3 Compressing the sides is also very important



4 Use RaniSilO₂ to cover the clamp



5 Install coversheets and sandbags