

Silage Cover, Case Story

Cover of Groundsilos on Wapnö farm, Sweden

Owner: Wapnö AB, Sweden.

Wapnö AB operates a large farm north of Halmstad, Sweden. There is today about 900 cow sat Wapnö producing approximately 9 millions liters milk a year. Wapnö has apart from milkproduction and dairy also 1400 hectare cultivation, 450 hectare forest and rental of Wapnö castle.

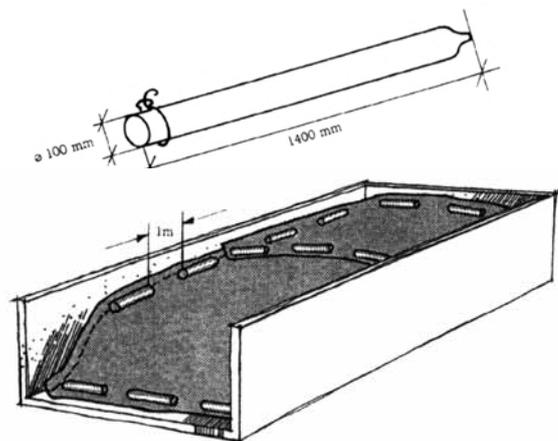
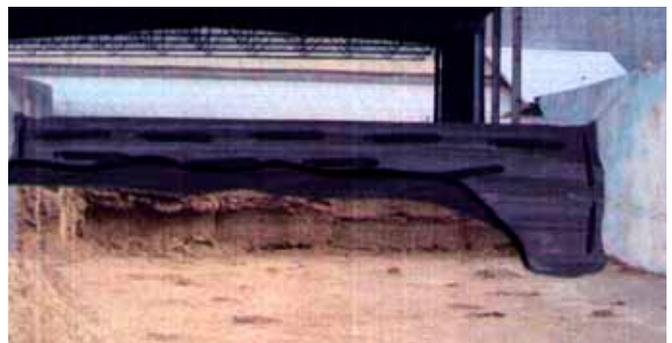
On Wapnö's fields green fodder for the whole farm is produced. A lot is made in silage which is produced on the farms groundsilos. Wapnö AB used Värnamo Butyl rubber to cover the groundsilos to make sure that the silage has a high quality. This rubber membrane quality is particularly developed for use as a membrane for ponds, silos etc

Silagecover

An efficient way to make high quality silage when large amounts of green fodder are handled is to use a ground silo.

An important condition for high quality silage is to make sure that the cover is tight. Värnamo Butyl is a rubber membrane that is completely gastight and very resistible against mechanical influence. The rubber membrane is flexible and soft, even in freezing conditions. It has good weather resistance and a high resistance to chemicals. Rubber membranes have been used for over 50 years in lining applications. This means that it is good both for cost as well as environmental reasons.

A special membrane load is constructed to make sure that the membrane is not lifted by the wind. It is a 140 cm long rubber bag, 10 cm in diameter which is filled with sand and sealed by a string. When it is not needed it can be emptied of sand and stored easily until next harvest.



Silagecover

Technical data	
Membrane	Värnamo Butyl 0,75 mm
Weight	0,92 kg/m ²
Width	5,05, 6,70, 8,35, 10,15 m
Resistant against	Soil, calcium, concrete, cement, alcohols, animalfats, water and saltwater, soilchemicals, phosphate, sulphate, nitrate.
Installation	The membrane overlaps the next membrane by 50 cm.

Membrane load (Ensipress)

Technical data	
Membrane	Elastoseal 1,0 mm
Diameter	100 mm
Unfilled length	1400 mm
Filled length	1200 mm
Installation	The bags are filled with dry sand and are sealed with a suitable string. The bags are placed along all membrane sides with 1 meters distance from each other.