



GEA Bedding Systems

Maximum comfort and optimal hygiene
for the well-being of your cows



GEA Bedding Systems

Cow comfort and well-being is drawing increasingly more attention. The advantages are evident both from a social point of view and also an economical one. A well-rested cow also ruminates more efficiently, is able to produce more milk and is able to rest its feet and legs. Essential in a bedding system is the amount

of grip it provides. This means that the cow will feel much more confident lying down and standing up. In addition, the design has to be rugged and therefore able to withstand many years of intense use. The GEA bedding systems are the result of over 20 years of experience in cow mattress systems.

Product overview

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Durasoft

The GEA Durasoft bedding system is a combination of a topcover-SBR and a PU-foam mattress and it is also available for youngstock.

Benefits

- Surface texture agreeable for the cow's skin
- Reinforced fabric for strength and flexibility
- Industrial-quality natural rubber – SBR (Styrene Butadiene Rubber)
- Supplied on a roll
- Liquid-proof
- Durasoft is topcover-SBR combined with high quality PU-foam mattress
- Topcover width, 200 cm; thickness, 3.2 mm
- Breaking strength reinforced fabric, 200 kgf/cm
- Specific density of foam, 180 kg/m³
- Mattress thickness, 40 mm; width, 100 cm; length, 180 cm
- DLG awarded



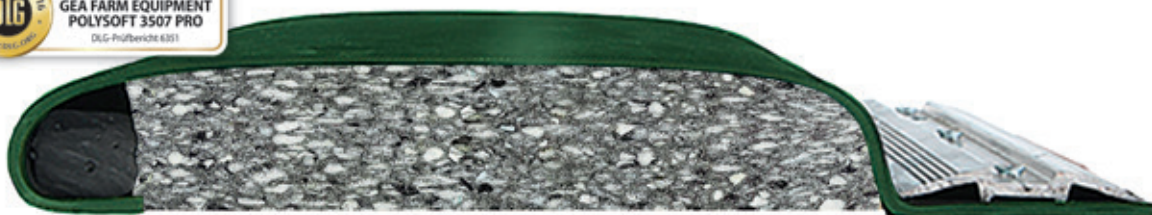
Features	Advantages	Benefits
Nonslip texture	More grip standing up Holds sawdust Pleasant for cows' skin	Cow can stand up easier, so will lie down more often to rest Dries better Cow comfort
Fiber reinforced	Makes topcover both elastic and strong	More benefit from mattress through this flexibility Durability
Styrene Butadiene Rubber	Industrial quality	Durability Consistent quality
PU-foam mattress	Chemical mechanical integrity Density 180 kg/m ³ High elasticity	Durability Comfortable resting, Grip standing up Minimum distortion

Polysoft

The GEA Polysoft bedding system is a combination of a topcover-PVC and a PU-foam mattress.

Benefits

- Smooth texture for the cows' skin
- Reinforced, double fabric for strength and flexibility
- Extremely easy cleaning because of 100% PVC coating and industrial quality
- Supplied on rolls
- Resistant to liquids and completely watertight: the Polysoft surface mat is made from 100% moisture-proof reinforced polyester
- Topcover width, 200 cm; thickness, 2 mm
- Special features: highly resistant yet very flexible
- Mattress made of PU foam
- Specific density of foam 180 kg/m³
- Mattress thickness, 40 mm; width, 100 cm; length, 180 cm
- DLG awarded



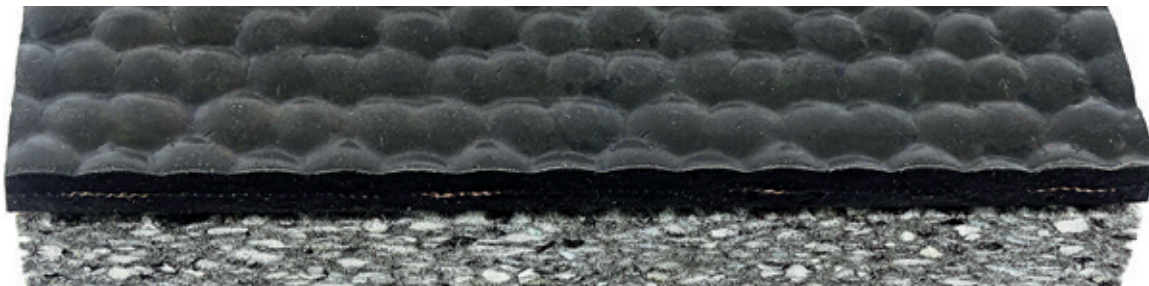
Features	Advantages	Benefits
Smooth texture	Pleasant for cows' skin	Cow comfort
Fiber reinforced	Makes topcover both elastic and strong	More benefit from mattress through this flexibility Durability
Polyvinyl chloride	Industrial quality	Durability Consistent quality
PU-foam mattress	Chemical mechanical integrity Density 180 kg/m ³	Durability Comfortable resting, Grip standing up

Gummysoft

The GEA Gummysoft bedding system is a combination of a topcover-SR and a PU-foam mattress.

Benefits

- Very comfortable for the cows to lie on
- Robust, thick and durable topcover made from moisture-resistant synthetic rubber
- Highly durability
- Topcover available 8 and 10 mm thicknesses
- Hygienic and easy to clean
- Mattress thickness, 25 mm; width, 100 cm; length, 150 cm
- Mattress made of PU-foam
- Specific density of foam 160 kg/m³



Features	Advantages	Benefits
Synthetic rubber	8mm or 10mm thickness Industrial quality Fiber reinforced	Durability Consistent quality For flexibility and strength
Hammertop texture	Pleasant for cows' skin Non slip	Cow comfort More safety
PU-foam mattress	Chemical mechanical integrity Density 160 kg/m ³	Durability Comfortable resting Grip standing up

Duracomfort

The GEA Duracomfort bedding system is a combination of a topcover-SBR and a PE-foam mattress.

Benefits

- Surface texture agreeable for the cow's skin
- Reinforced fabric for strength and flexibility
- Industrial-quality natural rubber – SBR (Styrene Butadiene Rubber)
- Supplied on a roll
- Liquid-proof
- Duracomfort is topcover-SBR combined with economically priced PE-foam
- Topcover width, 200 cm; thickness, 3.2 mm
- Breaking strength reinforced fabric, 200 kgf/cm
- Specific density of foam, 120 kg/m³
- Mattress thickness, 45 mm; width, 100 cm; length, 180 cm



Features	Advantages	Benefits
Nonslip texture	More grip standing up Holds sawdust Pleasant for cows' skin	Cow can stand up easier, so will lie down more often to rest Dries better Cow comfort
Fiber reinforced	Makes topcover both elastic and strong	More benefit from mattress through this flexibility Durability
Styrene Butadiene Rubber	Industrial quality	Durability Consistent quality
PE-foam mattress	Chemical mechanical integrity Density 120 kg/m ³	Durability Comfortable resting, Grip standing up Liquid proof

Akwasoft

The GEA Akwasoft bedding system is a combination of a Synthetic rubber filled with water.

Benefits

- Skin-friendly surface texture
- Combination of flexible rubber and soft water bed ensures that cows always have enough grip to stand up and lie down
- Reinforced fabric increases durability and flexibility and water-filling reduces pressure on the joints
- Supplied on a roll
- Liquid proof
- Area stays dry because the beds return to their normal shape and drain automatically
- DLG awarded
- Available for beds 110-112.5-115-120-125 cm



Features	Advantages	Benefits
Nonslip texture	More grip standing up Holds sawdust Pleasant for cows' skin	Cow can stand up easier, so will lie down more often to rest Dries better Cow comfort
Fiber reinforced	Makes topcover both elastic and strong	More benefit from mattress through this flexibility Durability
Styrene Butadiene Rubber	Industrial quality	Durability Consistent quality
Water	Adapts itself to the cow Absorbs warmth	Comfortable resting, Grip standing up No permanent distortion Cooling effect

Gummystuds GS33

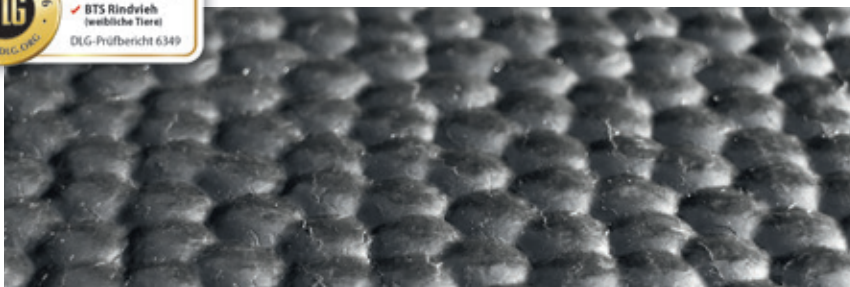
GEA Gummystuds GS33 is a bedding system with thick rubber mats with various size studs.

Benefits

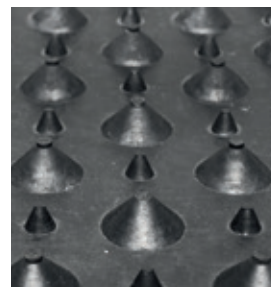
Gummystuds GS33 offers perfect comfort without a foam mattress. The combination of 12 and 20 mm thick studs gives it a soft, comfortable surface. In DLG focus testing, this covering reached a "++" - the best possible score for

ductility and elasticity. The 190 cm width surface has a slight slope on both outer sides, for better hygiene and durability.

- High durability because of the thick and high quality rubber
- Closed surface without joints for better cleaning
- Easy installation because it is supplied on rolls and therefore one system
- High stability due to own weight - there will be no folding of the mats when the cows are lying down
- Surface texture agreeable for the cow's skin
- Reinforced fabric for strength and flexibility
- DLG awarded



Upside



Downside

Features	Advantages	Benefits
Synthetic rubber	A 13mm thick back Industrial quality Fiber reinforced	Durability, cow comfort Consistent quality For flexibility and strength
Various studs (12 and 20 mm)	More flexibility	Cow comfort More grip standing up
Supplied on rolls	No additional products needed	Easy to install Low installation costs
Edge of the mat is in a slope	Moisture can drain	Dry bedding

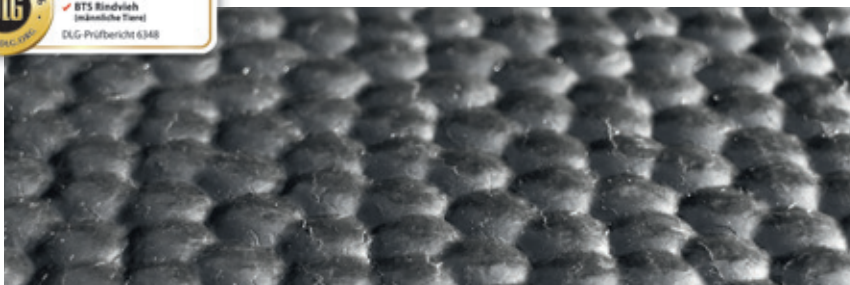
Gummystuds GS25

The GEA Gummystuds GS25 bedding system is a system with thick rubber mats with studs.

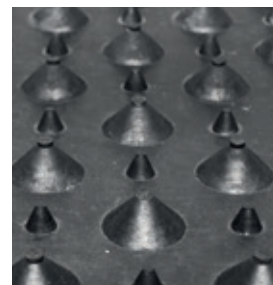
Benefits

When it comes to bedding systems, this is an example of the perfect combination between durability and cow comfort. The studded profile at the bottom of the mat is offering comfort and grip whereas the 13 mm massive rubber back ensures the longevity.

- High durability because of the thick and high quality rubber
- Closed surface without joints for better cleaning
- Easy installation because it is supplied on rolls and therefore one system
- High stability due to own weight - there will be no folding of the mats when the cows are lying down
- Surface texture agreeable for the cow's skin
- Reinforced fabric for strength and flexibility
- DLG awarded



Upside



Downside

Features	Advantages	Benefits
Synthetic rubber	A 13 mm thick back Industrial quality Fiber reinforced	Durability, cow comfort Consistent quality For flexibility and strength
Studs (12 mm)	For flexibility	Cow comfort More grip standing up
Supplied on rolls	No additional products needed	Easy to install Low installation costs

Gummystuds GS20

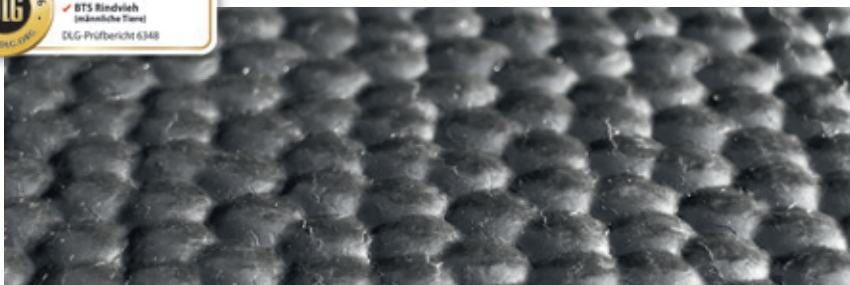
GEA Gummystuds GS20 is a bedding system with thick rubber mats with studs.

Benefits

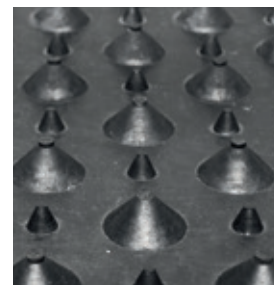
Gummystuds GS20 is available in different widths and therefore most suitable for youngstock. It has a typical studded profile at the bottom and offers sufficient comfort and grip.

Age	Recommended width
Until 6 months	1300 mm
6 to 12 months	1500-1600 mm
12 to 18 months	1700 mm
>18 months	1800-1900-2000 mm

- Most suitable for youngstock because of the different widths
- High durability because of the thick and high quality rubber
- Closed surface without joints for better cleaning
- Easy installation because it is supplied on rolls and therefore one system
- High stability due to own weight - there will be no folding of the mats when the cows or youngstock are lying down
- Surface texture agreeable for the cow's skin
- Reinforced fabric for strength and flexibility
- DLG awarded



Upside

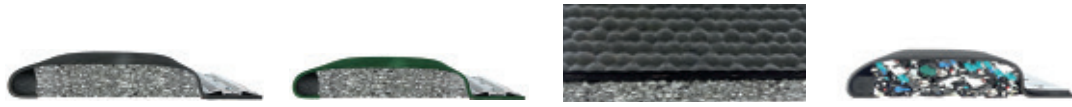


Downside

Features	Advantages	Benefits
Synthetic rubber	A 10 mm thick back Industrial quality Fiber reinforced	Durability, cow comfort Consistent quality For flexibility and strength
Studs (10mm)	For flexibility	Cow comfort More grip standing up
Supplied on rolls	No additional products needed	Easy to install Low installation costs
Various widths available	1300, 1500, 1600, 1700, 1800, 1900 and 2000 mm	For different age categories

Comparison of features

Systems for dairy cows older than 18 months



	Durasoft	Polysoft	Gummysoft	Duracomfort
Grip	++++	+++	++	++
Comfort	+++	+++	++	++
Hygiene	+++	++	+	+++
Durability	++	+	+++	++



	Akwasoft	Gummystuds GS33	Gummystuds GS25	Gummystuds GS20
Grip	+++	++	+	+
Comfort	+++	++	+	+
Hygiene	+++*	+	+	+
Durability	+++	++++	++++	+++

Systems for young stock between 6 and 18 months



	Durasoft	Gummystuds GS20
Grip	++++	+
Comfort	+++	+
Hygiene	+++	+
Durability	++	+++

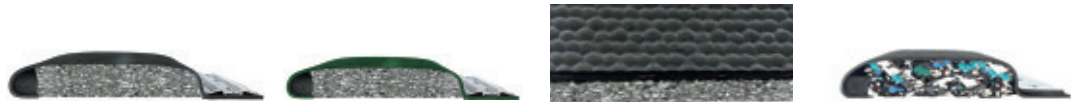
Legend:

+ means sufficiently
 ++++ means excellent

- Grip: Combination of surface topcover and subsurface
- Comfort: Comfort for laying, standing and laying down
- Hygiene: Capacity to hold bedding material
 * no bedding material required
- Durability: Combination of durability of the topcover and/or durability system

Comparison of technical data

Systems for dairy cows older than 18 months



Tech Data	Durasoft	Polysoft	Gummysoft	Duracomfort
Width	+/- 1880 mm	+/- 1880 mm	+/- 1800 mm	+/- 1880 mm
Thickness	43 mm	42 mm	33 mm / 35 mm	48 mm
Fixation front	Aluminum profile	Aluminum profile	Rubber	Synthetic profile
Fixation back	Synthetic profile	Synthetic profile	Rubber	Synthetic profile
Topcover	SBR	PVC	SR	SBR
Material	Styrene Butadiene Rubber	Polyvinyl chloride	Synthetic rubber	Styrene Butadiene Rubber
Fiber reinforced	yes	yes	yes	yes
Length	Max. 500 meters	Max. 800 meters	Max. 70 meters	Max. 500 meters
Width	2000 mm	2000 mm	1800 mm	2000 mm
Thickness	3.2 mm	2.0 mm	8 mm or 10 mm	3.2 mm
Mattress	PU-Foam	PU-Foam	PU-Foam	PE-Foam
Material	Polyurethane	Polyurethane	Polyurethane	Polyethylene
Length	1800 mm	1800 mm	1500 mm	1800 mm
Width	1000 mm	1000 mm	1000 mm	1000 mm
Thickness	40 mm	40 mm	25 mm	45 mm
Specific density	+180 kg/m ³	+180 kg/m ³	+160 kg/m ³	+120 kg/m ³

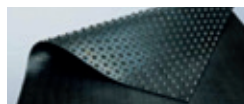


Tech Data	Akwasoft	Gummystuds GS33	Gummystuds GS25	Gummystuds GS20
Max roll Length	Max 50 beds	10 – 40 meters	10 – 50 meters	10 – 50 meters
Width	1900 mm	1900 mm	1800 mm	1800-1900-2000 mm
Thickness	50 mm	33 mm	25 mm	20 mm
Thickness studs	--	12 and 20 mm	12 mm	10 mm
Fixation front	Aluminum profile	Insert screws with plug	Insert screws with plug	Insert screws with plug
Fixation back	no	no	no	no
Material	Styrene Butadiene Rubber	Synthetic rubber	Synthetic rubber	Synthetic rubber
Fiber reinforced fiber	yes	yes	yes	yes

Systems for young stock between the 6 and 18 months



		Durasoft	
		7-12 months	13 – 18 months
Tech Data			
Width		+/- 1580 mm	+/- 1730 mm
Thickness		43 mm	
Fixation front		Aluminum profile	
Fixation back		Synthetic profile	
Topcover		SBR	
Material		Styrene Butadiene Rubber	
Fiber reinforced		yes	
Length		Max. 500 meters	
Width		1800 mm	
Thickness		3.2 mm	
Mattress		PU-Foam	
Material		Polyurethane	
Length		1500 mm	1600 mm
Width		1000 mm	
Thickness		40 mm	
Specific density		180 kg/m ³	



		Gummystuds GS20		
		Up to 6 months	7 – 12 months	13 – 18 months
Tech Data				
Max roll Length		10 – 50 meters		
Width		1300 mm	1500 – 1600 mm	1700 – 1800 mm
Thickness		20 mm		
Thickness studs		10 mm		
Fixation front		Insert screws with plug		
Fixation back		Insert screws with plug		
Material		Synthetic rubber		
Fiber reinforced		yes		

Notes

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GEA Group is a global engineering company with multi-billion euro sales and operations in more than 50 countries. Founded in 1881, the company is one of the largest providers of innovative equipment and process technology. GEA Group is listed in the STOXX® Europe 600 Index.

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