KRAIBURG profiDRAIN drain channel mat: drier walking alleys, healthier hooves, fewer emissions

Tittmoning, 7 September 2026

The profiDRAIN drain channel mat combines animal-friendly softness, secure footing and targeted urine drainage. With its curved surface and a slope of around 6 % toward the longitudinal channels, it helps to keep hooves dry, promotes good barn hygiene and effectively reduces ammonia emissions.

Dry, clean walking areas are an important foundation for hoof health, animal welfare and barn hygiene. With **profiDRAIN**, KRAIBURG offers a drain channel mat for walking alleys with scraper manure removal that drains liquids effectively and reliably. The hoof-friendly soft walking surface provides comfortable walking comfort and helps the cows move safely.

Curved surface with effective urine drainage

The curved surface of profiDRAIN has a **slope of** around 6 % **toward the longitudinal channels**. This allows liquids to drain away quickly from the walking surface and be collected in the drain channels until the next cleaning interval. This supports **dry hooves** and contributes to a **more hygienic walking alley surface**.

Another advantage: Rapid urine drainage reduces the mixing of urine and feces on the walking surface. This rapid separation of feces and urine reduces the conditions conducive to the formation of ammonia in the barn.

A study by the ANECO Institute for Environmental Protection found that profiDRAIN achieved an **average ammonia reduction of 61 %** compared with level concrete flooring. The maximum reduction was 70 % [1]. profiDRAIN is eligible for funding as an emission-reducing rubber mat in various countries.

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profiDRAIN combines walking comfort with reduced emissions © KRAIBURG Elastik

Good cleanliness after cleaning

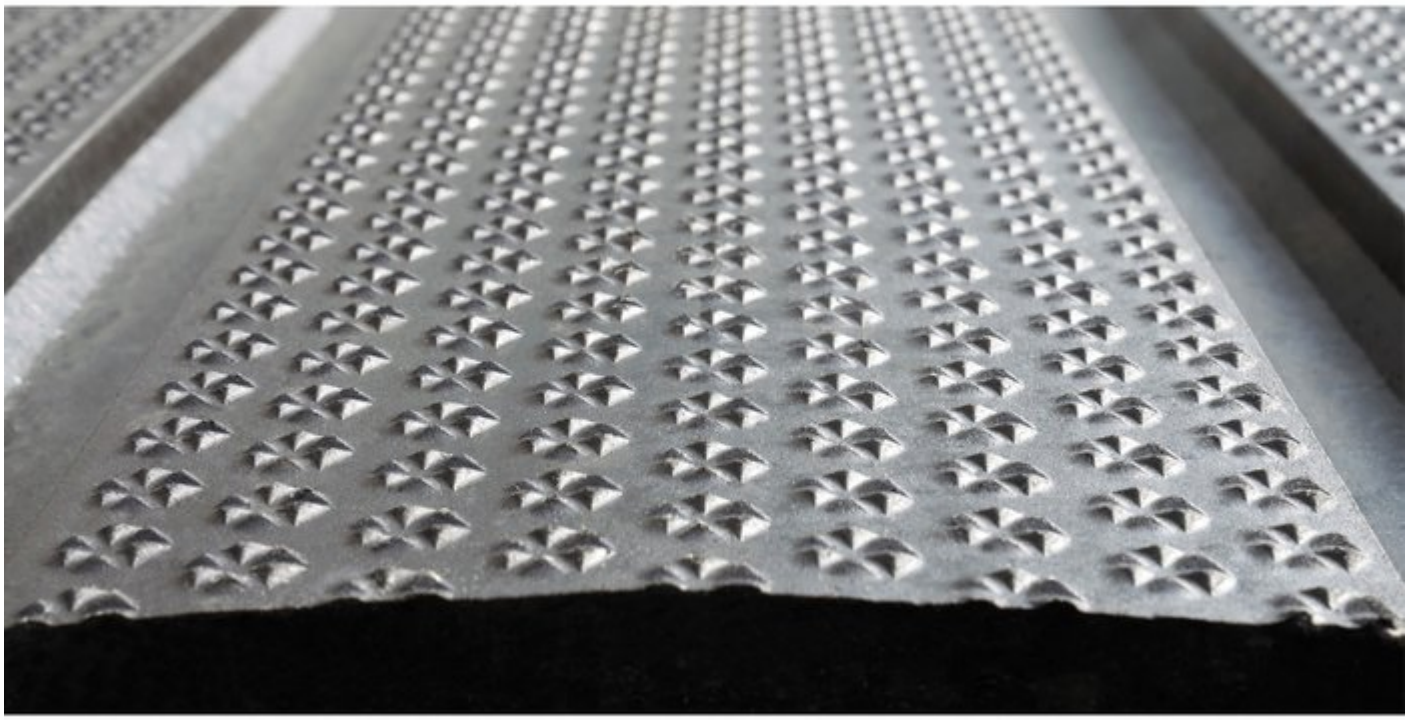
In addition to reliable urine drainage, profiDRAIN also performs well when it comes to cleaning: in an independent practical study, the drain channel mat showed **particularly low residual soiling after cleaning** [2]. Its flat-textured surface therefore further contributes to clean walking alleys.



The hoof remains dry even between cleaning intervals © KRAIBURG Elastik

Secure footing and functional hoof abrasion

The proven **optiGrip surface** with integrated abrasive **corundum** provides high slip resistance, even on drying walking areas. At the same time, it supports functional hoof abrasion and thus helps maintain the **correct hoof form**. Together with the **wide, soft walking surface**, it creates a walking alley that offers cows secure footing and comfortable support when standing, walking and moving aside.

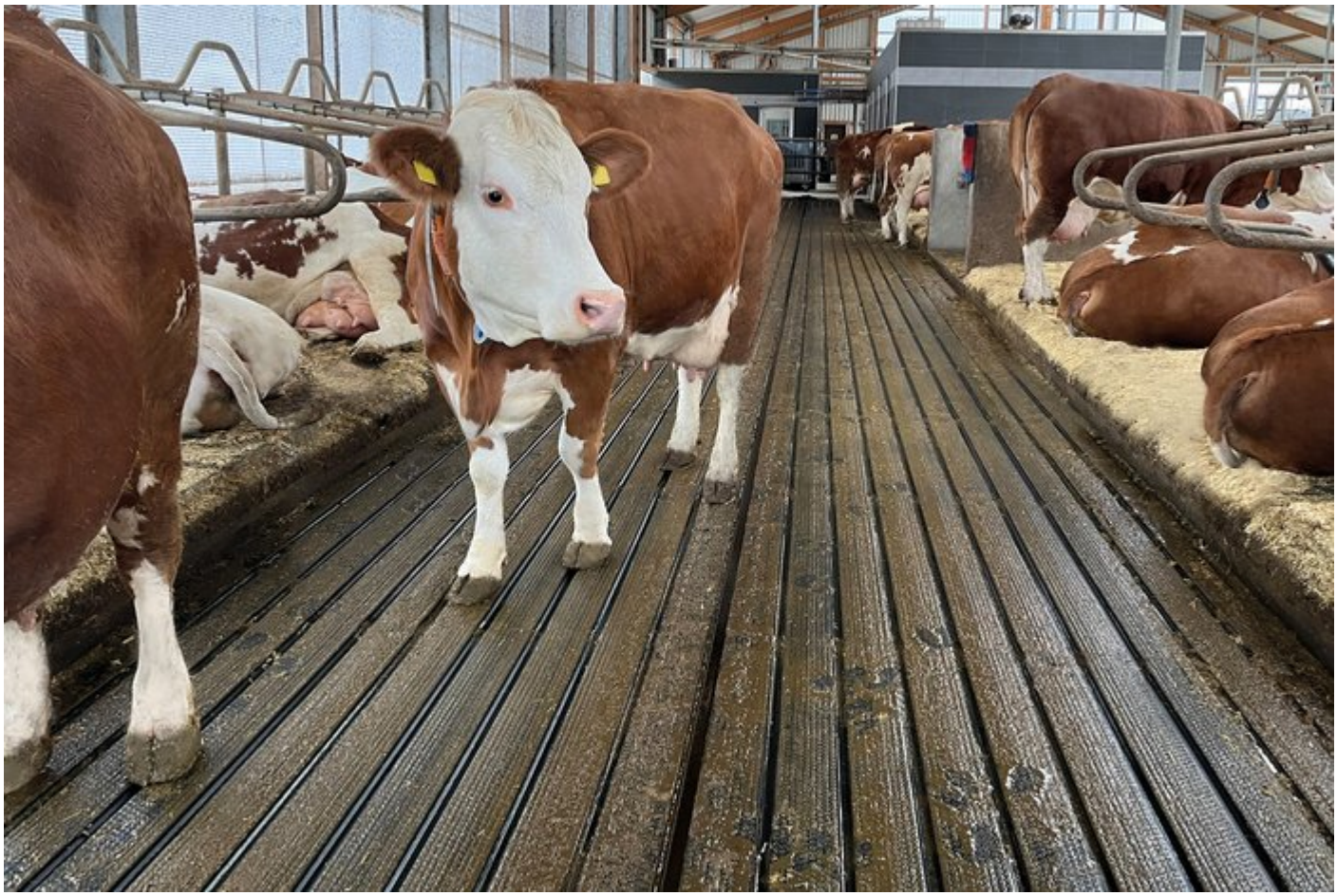


The wide, soft walking surface provides good grip thanks to the incorporated corundum © KRAIBURG Elastik

Practical suitability with coordinated scraper manure removal

profiDRAIN is designed for walking alleys with scraper manure removal. To ensure that the drain channels are cleared reliably, the cleaning lip of the scraper must be matched to the contour of the rubber flooring. KRAIBURG supplies this to fit.

The drain channel mat meets the requirements of **DIN 3763** and has been awarded the "**DLG-approved**" quality mark with "**Made in Germany**". It stands for tested quality, safety and durability in modern dairy barns.



profiDRAIN combines softness, grip, cleanliness and emission reduction © KRAIBURG Elastik

[1] 61% mean value, 70% maximum value; data source: ANECO, results report number: 70198-002 of May 16, 2024.
[2] According to an independent practical study; source: Schrade, Bossler & Zähner, 2025.

Further information:

Product profiDRAIN https://kraiburg-elastik.com/products/dairy-cattle/profidrain/

Press information Dry walking areas, fewer emissions
https://kraiburg-elastik.com/company/press/dry-walking-areas-good-for-hooves-barn-hygiene-and-the-environment/

Press information Soft walking, safe footing https://kraiburg-elastik.com/company/press/soft-walking-safe-footing-what-makes-for-animal-friendly-walking-areas/

Guide Healthy hooves https://kraiburg-elastik.com/guidance/expert-knowledge/healthy-hooves-thanks-to-rubber-mat-with-slope/

Guide Emission reduction https://kraiburg-elastik.com/guidance/expert-knowledge/reducing-emissions/

Guide Optimal walking areas https://kraiburg-elastik.com/guidance/animal-welfare/optimal-walking-areas-in-dairy-barns/

Guide Effects of lameness https://kraiburg-elastik.com/guidance/economic-efficiency/lameness/

Guide Hoof trimming https://kraiburg-elastik.com/guidance/animal-welfare/hoof-health/

Information on Dry walking areas https://kraiburg-elastik.com/dry-walking-areas/

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About KRAIBURG Elastik

Gummiwerk KRAIBURG Elastik GmbH & Co. KG has been developing and manufacturing elastic rubber flooring for cattle and horse housing since 1968. In Tittmoning, Germany, around 200 employees combine experience in rubber processing with practical product development. The aim is to support animal welfare, safety, performance and efficient barn management with innovative solutions. The DIN-compliant products are tested in the company's own laboratory, in test barns and by independent institutes. KRAIBURG Elastik holds the DLG quality seal 'CONTINUOUS MONITORING'. The barn flooring specialist is committed to resource-saving production and repurposes tire rubber as a raw material for robust flooring. The company is part of the KRAIBURG Group.

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