

Cow-Welfare A/S

Cow Mattress Latex Soft CHY

Deformability/Elasticity,
Permanent Tread Load



**COW-WELFARE
LATEXSOFT CHY**

- ✓ Deformability/Elasticity
- ✓ Permanent Tread Load

DLG Test Report 7536

Overview

A test mark “DLG APPROVED for individual criteria” is awarded for agricultural products which have successfully fulfilled a scope-reduced usability testing conducted by DLG according to independent and recognized evaluation criteria. The test is intended to highlight particular innovations and key criteria of the test object. The test may contain criteria from the DLG test scope for overall tests, or focus on other value-determining characteristics and properties of the test subject. The minimum requirements, test conditions and procedures as well as the evaluation bases of the test results will be specified in consultation with an expert group of DLG. They correspond to the recognized rules of technology, as well as scientific and agricultural knowledge and requirements. The successful testing is concluded with the publication of a test report, as well as the awarding of the test mark which is valid for five years from the date of awarding. The DLG APPROVED Test “Deformability/Elasticity, Permanent Tread Load, Acid resistance” includes technical measurements on test stands of the DLG Test Center. The deformability and elasticity, the acid resistance, were measured and a permanent tread load was applied. The test was based on the DLG Testing Framework for elastic stable flooring, as of December 2018 and DIN 3763:2022-08 (Elastic floorings for cattle and dairy cows walking and rest surfaces – Requirements and Testing). Other criteria were not investigated.



Test results

The Cow Mattress Latex Soft CHY tested here, an elastic floor for cubicles in cubicle houses, was investigated with regard to durability and comfort properties on test stands in the DLG APPROVED Test. The deformability and elasticity, the acid resistance, were measured and a permanent tread load was applied. Requirements of DIN 3763 are fulfilled in the examined criteria; Deformability and elasticity class 4 according to DIN 3763.

DLG QUALITY PROFIL	Evaluation*
Deformability and elasticity in new condition in area 1 and 2	■ ■ ■ ■ ■
Deformability and elasticity following endurance test in area 1 and 2	■ ■ ■ ■ ■
Lasting deformation following endurance test in area 1	■ ■ ■ ■ □
No lasting deformation following endurance test in area 2	■ ■ ■ ■ ■
No noticeable wear following endurance test in area 1 and 2	■ ■ ■ ■ □

* The DLG test framework provides the following options in its evaluation schemes:
 ■ ■ ■ or better = meets, exceeds or clearly exceeds the specified DLG standard, □ = meets the legal requirements for marketability,
 ■ = failed

Manufacturer and contact information

Manufacturer and Applicant

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