

DLG Test Report 7162

Qingdao Kingstone Industry Co., Ltd

Rubber mat KS210 for walking ways

Deformability/Elasticity, Permanent Tread Load,
Abrasion, Acid resistance



**QINGDAO KINGSTONE INDUSTRY
RUBBER MAT KS210**

- ✓ Deformability/Elasticity
- ✓ Permanent Tread Load
- ✓ Abrasion
- ✓ Acid resistance

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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 recognised 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 recognised 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 test was based on the DLG Testing Framework for elastic stable flooring, as of December 2018 and DIN 3763:2020-04 (Elastic floorings for cattle and dairy cows walking and rest surfaces – Requirements and testing).



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✓ **Deformability/Elasticity**
✓ **Permanent Tread Load**
✓ **Abrasion**
✓ **Acid resistance**

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Test results

DLG QUALITY PROFILE	Evaluation*
Deformability and elasticity in new condition	■ ■ ■ ■ ■
Deformability and elasticity following endurance test	■ ■ ■ ■ ■
Lasting deformation following endurance test	■ ■ ■ ■ ■
Wear following endurance test	■ ■ ■ ■ □
Abrasion/Wear resistance	■ ■ ■ □ □
Resistance to feed acid mixture	■ ■ ■ **
Resistance to uric acid	■ ■ ■ **
Resistance to sulfurous acid	■ ■ ■ **
Resistance to ammonia	■ ■ ■ **
Resistance to barn disinfectants	■ ■ ■ **
Resistance to peracetic acid	■ ■ ■ **

DLG Evaluation range:

* ■ ■ ■ or better = meets, exceeds or significantly exceeds the established DLG standards,

■ ■ = meets the legal requirements for marketability, ■ = failed

** Single criteria acid resistance: ■ ■ ■ = resistant, ■ ■ = limited resistant, ■ = failed

Manufacturer and contact information

Manufacturer and Applicant

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