

Conradi+Kaiser GmbH

Equi Solum Floor Panel

Deformability/Elasticity, Permanent Tread Load,
Abrasion, Slip resistance, Acid resistance, Cleaning distance



**CONRADI+KAISER GMBH
EQUI SOLUM FLOOR PANEL**

- ✓ **Deformability/Elasticity**
- ✓ **Permanent Tread Load**
- ✓ **Abrasion**
- ✓ **Slip resistance**
- ✓ **Acid resistance**
- ✓ **Cleaning distance**

DLG Certificate 7591

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 DLG APPROVED Test includes technical measurements on test stands of the DLG Test Center. The test was based on the DLG Testing Framework for elastic floor coverings in the movement, rest and lying area of horses, as of April 2024, and DIN 7861:2024-05 (Elastic floorings in the movement, rest and lying area of horses – Requirements and testing). Other criteria were not investigated.



Test results

DLG QUALITY PROFIL		Evaluation
Point loading deformability and elasticity in new condition:	8.7 mm	no evaluation
Point loading deformability and elasticity following endurance test:	9.4 mm	no evaluation
Area loading deformability and elasticity in new condition:	3.3 mm	no evaluation
Area loading deformability and elasticity following endurance test:	3.9 mm	no evaluation
Lasting deformation following endurance test		■ ■ ■ ■ ■ *
Surface: little wear/no damage after endurance test		■ ■ ■ ■ ■ *
Bottom: clear wear/little damage after endurance test		■ ■ ■ ■ ■ *
Slip resistance		■ ■ □ □ □ **
Resistance to feed acid mixture		■ ■ ■ □ □ ***
Resistance to uric acid		■ ■ ■ □ □ ***
Resistance to sulfurous acid		■ ■ □ □ □ ***
Resistance to ammonia		■ ■ ■ □ □ ***
Resistance to barn disinfectants		■ ■ ■ □ □ ***
Resistance to rapeseed oil		■ ■ □ □ □ ***
Abrasion		■ ■ ■ ■ □ *
Cleaning distance with flat jet nozzle		■ ■ ■ □ □ *
Cleaning distance with a coarse dirt remover		■ ■ ■ □ □ *

The DLG test framework specifies the following evaluation range:

* ■ ■ ■ or better = meets, exceeds or clearly exceeds the specified DLG standard, ■ ■ = meets the statutory requirements for marketing the product, ■ = failed

** Single criteria slip resistance: ■ ■ = passed, ■ ■ = failed

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

Requirements of DIN 7861 are fulfilled for the tested criteria..

Manufacturer and contact information

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All DLG test reports are available for download free of charge at: www.DLG-Test.de