

# DLG Test Report 7448

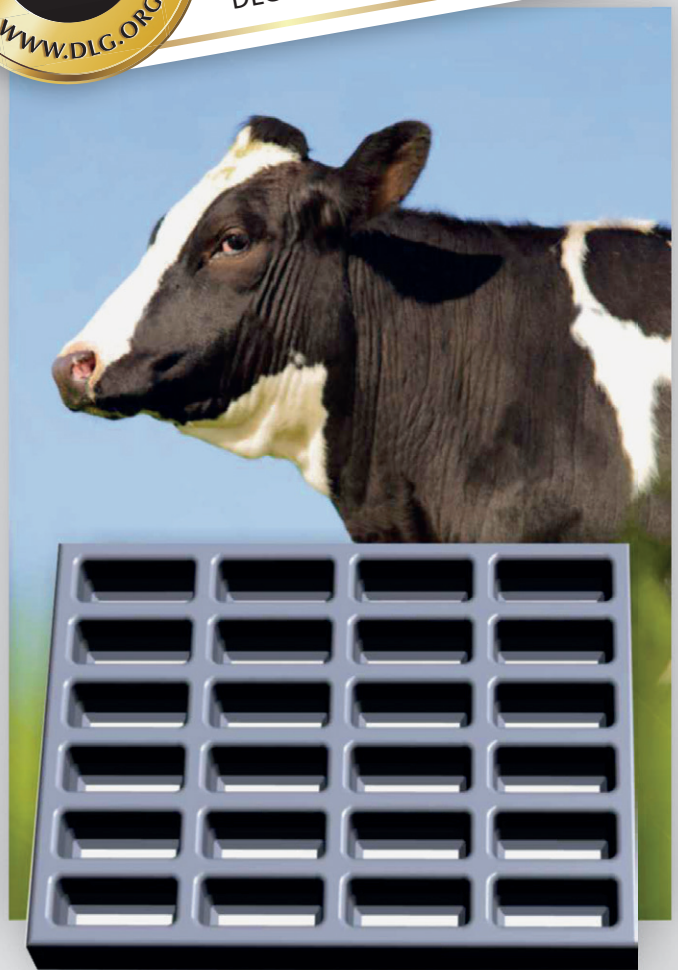
Oberleitner Windschutz GmbH & Co. KG

## Sand Bed Grid SANDA®

Deformability/Elasticity,  
Permanent Tread Load



OBERLEITNER WINDSCHUTZ  
SAND BED GRID SANDA  
✓ Deformability/Elasticity  
✓ Permanent Tread Load  
DLG Test Report 7448



## 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 “Deformability/Elasticity, Permanent Tread Load” includes technical measurements on test stands of the DLG Test Center. The deformability and elasticity 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.

## Assessment in brief

The SANDA sand bed grid tested here, a system module for creating a lying surface in cubicle stables for cows and cattle, has been tested in the DLG-approved individual criteria test on test benches for durability and durability and comfort properties investigated.

Requirements of DIN 3763 are fulfilled for the tested criteria.

Deformation and Elasticity corresponds to class 2 DIN 3763.

Table 1:

Overview of results

DLG QUALITY PROFILE	Evaluation*
Deformability and elasticity in new condition	■ ■ ■ ■ ■
Deformability and elasticity following endurance test	■ ■ ■ ■ □
No lasting deformation on the grid	■ ■ ■ ■ ■
Low wear on the webs of the grid	■ ■ ■ □ □

\* DLG Evaluation range:

■ ■ ■ or better = meets, exceeds or significantly exceeds the established DLG standards,  
■ □ = meets the legal requirements for marketability, ■ = failed









