Contact Information

Tate Global GmbH
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D-63808 Haibach
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Tate Global GmbH
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W: tateglobal.com/de

Our GTCs:

We are certified according to:

Quality/
Environmental
Management
Occupational
Health and Safety
Management System
ISO 9001
ISO 14001
ISO 45001
www.dekra-seal.com

DEKRA certified

We are a registered member of the Bundesverband Systemböden e.V. [German association of flooring systems]

BVS BUNDESVERBAND SYSTEMBÖDEN

tate-caso-solida-brochure-en-de-v1

Raised Access Floor System Caso and Solida

tateglobal.com/de

Kingspan Group

The Kingspan Group is a global leader in high-performance insulation, building envelope solutions, and energy-efficient construction systems. With over 200 manufacturing sites across more than 70 countries, Kingspan is committed to delivering sustainable solutions for a low-carbon future. At the core of this mission is Planet Passionate, Kingspan's global sustainability program aimed at reducing the environmental impact of the construction industry.

Within the Kingspan Group, Tate is a specialized division with operations across Europe, North and South America, Canada, and Australia. Tate focuses on the design and production of advanced raised access flooring systems for commercial buildings, data centers, and industrial facilities. These systems provide flexible, functional, and future-ready infrastructure that supports the evolving demands of modern spaces.

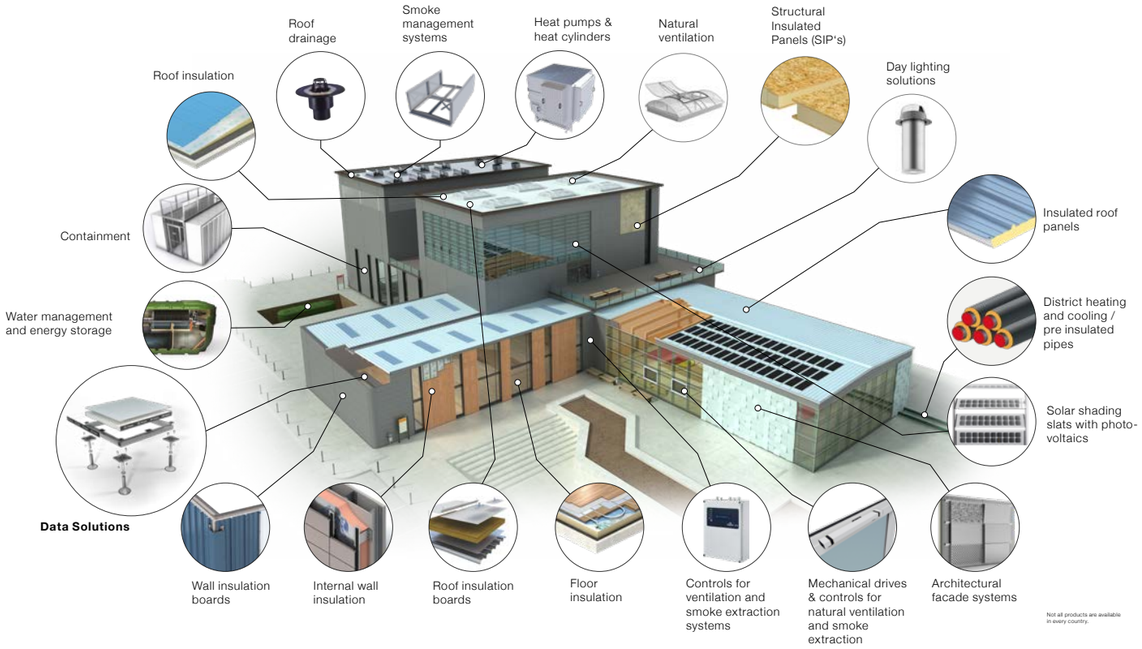
8,6 Mrd. €
in global revenues

27.000+
Employees

273+
Production sites

80+
Countries

Kingspan Group is made up of a number of divisions, each with its own products and systems, which are found in many buildings worldwide.



Tate Global GmbH

Building a smarter world together

Tate Global GmbH is a part of the international Tate Division within the Kingspan Group, specializing in the development and manufacturing of raised flooring systems for commercial and industrial environments. With two production sites in Germany, we deliver modular solutions that provide efficient and user-friendly access to building infrastructure such as cables, wiring, and technical services.

Our roots go back nearly 30 years, beginning in 1997 as an owner-managed trading company specializing in flooring system components. Rapid growth followed, and the company soon invested in its own certified and fully tested system solutions. In 2019, Tate Global GmbH became part of the Kingspan Group – now playing a strategic role within the global Tate Division.

Our products are used in data centers and modern commercial buildings, where high technical standards and maximum adaptability are essential. In close collaboration with our customers, we develop customized solutions that are innovative, reliable, and future-focused.

Sustainability as a Core Principle
Guided by Kingspan's Planet Passionate strategy, Tate Global GmbH is committed to environmentally conscious production, energy-efficient systems, and the ongoing transition toward a circular, low-impact business model.

20
Locations

535 Million
in divisional revenues

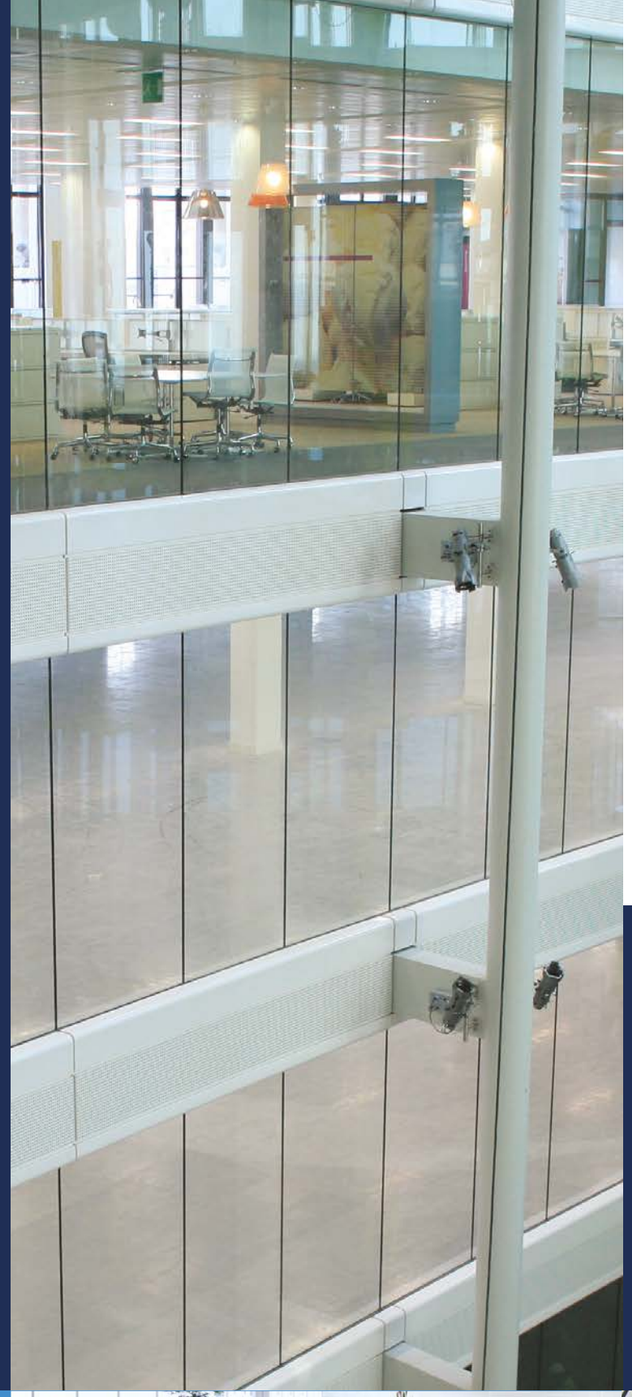
7 Million
Panels per year

1500+
employees

1903
In manufacturing since 1903

More than **2.5 Million m²**
of access flooring installed

Table of contents



A Floor for All Buildings

Our Tate raised floor systems are available either with a calcium sulphate core or a high-density engineered wood core and are laid loosely on height-adjustable pedestals. The resulting void between the system floor and the subfloor provides space for a wide range of installations, such as power, data, and communication lines.

The Tate Caso product family represents raised floor systems with a gypsum core and a steel sheet surface. This system is especially suited for office, industrial, or technical environments.

Tate Solida, on the other hand, stands for raised floor systems with a wood core. The panels are particularly robust and durable – ideal for office areas and standard applications. The name “Solida“ is derived from Latin.

Tate access flooring systems come in different versions and are suitable for use in a range of building types and applications:

- Data centres
- Electrical distribution and server rooms
- Monitoring stations and control rooms
- Office and administrative buildings
- Television and radio stations
- Treatment rooms and doctors’ offices
- Sales rooms and presentation areas
- Workshops and heavy-duty areas

In the system description, the abbreviations stand for the following properties:

Number = Core panel thickness in mm

B = Sheet metal (steel sheet)

A = Aluminum foil

t = Traverse (grid bar)

s = Special bonding

DB = Raised floor (standard substructure)

SW = Raised floor (heavy-duty/C-profile)

50 = Tested with a 50 mm stamp according to DIN EN 12825 in conjunction with the respective application guideline.

Example: Caso 38Bs-DB = Gypsum fiberboard, 38 mm thick, with steel sheet on the underside, specially bonded for raised floors (standard substructure)

Tate Caso

System Panel

The highly compressed Tate gypsum-fibreboard panels consist of fibre-reinforced gypsum of building material class A1 according to DIN EN 13501-1:2019. Depending on the requirements, each panel can be fitted with an aluminium or galvanised steel sheet on the panel bottom and/or top side. Suitable surface coverings can also be applied to the panels' top sides. The panel edges are bevelled towards the underside and fitted with edge-banding. Depending on the specific requirements, the panels are manufactured in different depths and dimensions.

High flexibility

Large installation space as well as easy post-installation options

All key structural characteristics in the highest quality

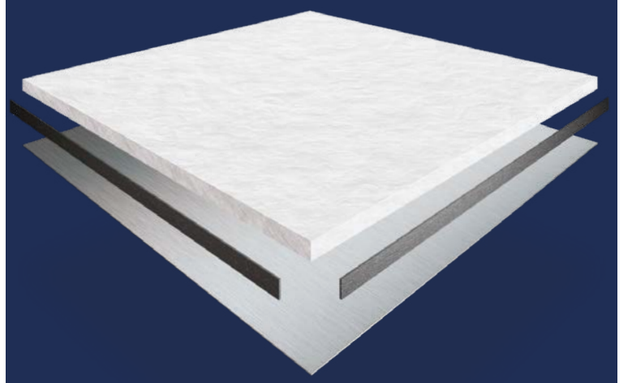
Construction heights greater than 1,000 mm are also possible

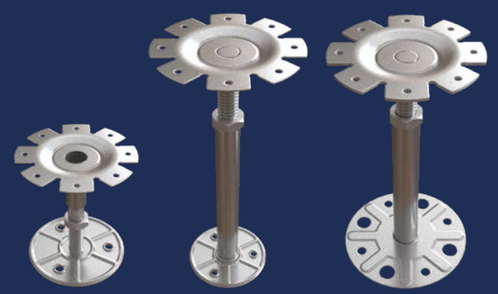
Low system weight

Choice of a wide variety of possible surface coverings

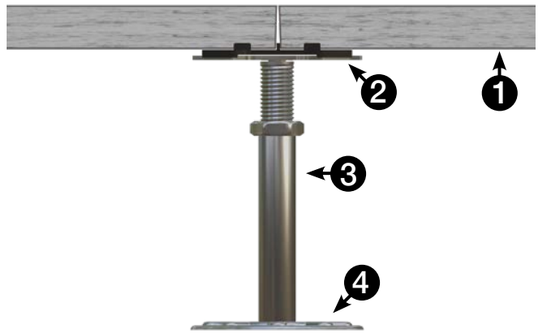
Easy to process panel material

Solid substructures form the basis of our raised access floors. The combination of suitable individual components ensures lasting stability and reliability. The substructure consists of height-adjustable, galvanised steel pedestals, PE coverings and, if necessary, stringers or cross bars. M16 pedestals can be screwed up to a height of 250 mm. For greater heights, plug-in pedestals are used. From 500 mm and above, Tate M20 pedestals are used. The pedestal bases are glued to the unfinished floor using our Tate pedestal adhesive and can also be dowelled in place if necessary.





Technical Data



1. Raised access floor panel
2. Bearing plate
3. Pedestal (type dependent on height)
4. Base plate glued to the unfinished floor

Panel	
Dimensions	600 x 600 mm
Standard panel depths	28–40 mm
Panel bottom	with/without an aluminium or steel sheet
Panel top side	with/without an aluminium/steel sheet or surface covering
Panel material	high-density mineral gypsum fibreboard

Substructures	
Pedestal grid	600 x 600 mm
Pedestals	steel, galvanised finish
Installation height	~ 50–2,000 mm for heights of > 500 mm, additional stringers must be used

Loads according to DIN EN 12825:2002	
Working load	2-6 kN
Ultimate load	> 4-12 kN

Static electricity according to DIN EN 1081:2021, DIN EN 61340 61340-4-1:2016 and DIN EN 1815:2016	system and covering dependent

Fire protection	
Building material class according to DIN EN 13501-1:2019	A 1
Fire-resistance class according to DIN 4102-2:1977	F30

Sound insulation	system dependent

Subject to technical changes.

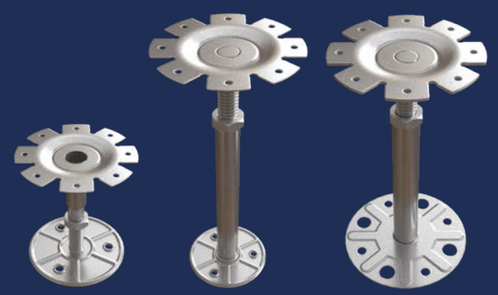
Tate Solida

System Panel

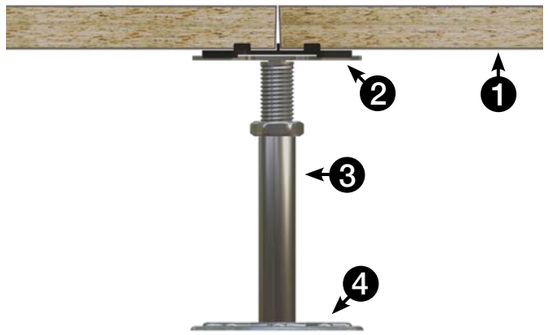
The highly compressed Tate chipboard panels consist of fibre-reinforced chipboard of building material class D-s2, d0 according to DIN EN 13501-1:2019. Depending on the requirements, each panel can be fitted with an aluminium or galvanised steel sheet on the panel bottom and/or top side. Suitable surface coverings can also be applied to the panels' top sides. The panel edges are bevelled towards the underside and fitted with edge-banding. Depending on the specific requirements, the panels are manufactured in different depths and dimensions.

- High flexibility
- Large installation space as well as easy post-installation options
- All key structural characteristics in the highest quality
- Construction heights greater than 1,000 mm are also possible
- Low system weight
- Choice of a wide variety of possible surface coverings
- Easy to process panel material

Solid substructures form the basis of our raised access floors. The combination of suitable individual components ensures lasting stability and reliability. The substructure consists of height-adjustable, galvanised steel pedestals, PE coverings and, if necessary, stringers or cross bars. M16 pedestals can be screwed up to a height of 250 mm. For greater heights, plug-in pedestals are used. From 500 mm and above, Tate M20 pedestals are used. The pedestal bases are glued to the unfinished floor using our Tate pedestal adhesive and can also be dowelled in place if necessary.



Technical Data



1. Raised access floor panel
2. Bearing plate
3. Pedestal (type dependent on height)
4. Base plate glued to the unfinished floor

Panel	
Dimensions	600 x 600 mm
Standard panel depths	38 mm
Panel bottom	with an aluminium or steel sheet
Panel top side	with an aluminium/steel sheet or covering
Panel material	high-density particle-board panel

Substructures	
Pedestal grid	600 x 600 mm
Pedestals	steel, galvanised finish
Installation height	~ 50–2,000 mm for heights of > 500 mm, additional stringers must be used

Loads to DIN EN 12825:2002	
Working load	2 kN–3 kN
Ultimate load	4 kN–6 kN

Static electricity according to DIN EN 1081:2021, DIN EN 61340 61340-4-1:2016 and DIN EN 1815:2016	system and covering dependent

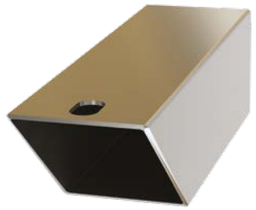
Fire protection	
Building material class according to DIN EN 13501-1:2019	D-s2,d0
Building material class according to DIN 4102 -1:1998	normally flammable, B2
Fire resistance according to DIN 4102-1:1977	fire resistance load bearing structure

Sound insulation	system dependent

Subject to technical changes.

Sound Insulation and Stringers

During the installation, electrically conductive PE pads are added to the pedestal heads for sound insulation and to fix the panels in place. These pads can have either 4, 2, or no holes at all to meet individual requirements. The use of galvanised stringers or cross bars not only serves to improve the horizontal reinforcement but also increases the overall construction's load-bearing capacity. These stringers can be hung in the pedestal head as well as screwed in place and, if necessary, even be retrofitted. In situations with particularly high load requirements or very great construction heights, special pedestals are used in combination with C profiles (further information about this can be found in our "Control Room" brochure).



Surface Coverings

Tate access flooring systems offer a multitude of options for different floor coverings. We can professionally apply any surface covering suitable for raised access floors, e.g. linoleum, vinyl, HPL, rubber and carpet. Their suitability for use with raised access floors can be confirmed by the respective flooring manufacturer.

Whenever surface coverings are installed at a later stage, in the form of self-supporting tiles, we recommend that in order to achieve a consistent look, the tiles should always be installed with their joints offset to the panel grid. When applying contact adhesives, care must be taken to ensure that the panel edges are kept free of adhesive and that no adhesive can get between the individual panels.

If you have any questions regarding the suitability and use of different surface coverings, Tate's specialist advisers will be happy to discuss your particular needs and to provide you with personalised advice.

Tel: +49 (0) 6021 63949-0
E-Mail: infoDE@tateglobal.com

Wall Connections and System Installations

For connections to load-bearing and non-load-bearing walls, special self-adhesive compressible sealing tapes must be applied at the joints between the raised floor panels and walls or vertical building elements.

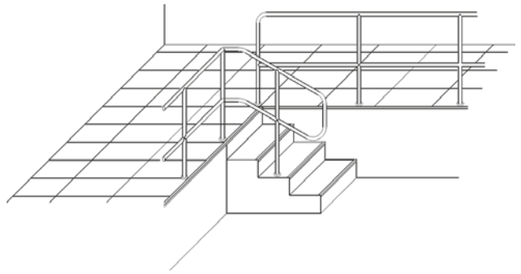
In the factory or construction site, cutouts and drill holes can be created for floor boxes, ventilation outlets and existing columns and curves. For stepped holes, especially for swirl diffusers, we recommend that you always have them produced in the factory in order to achieve optimal results.

Special Usage Instructions

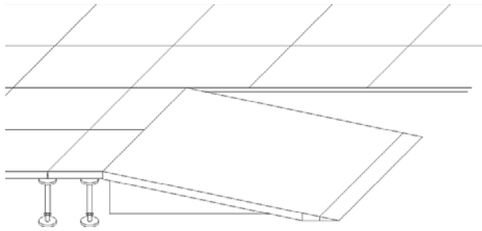
We recommend that during the installation and use of the raised access floor, room temperatures should remain between +15°C and +25°C and that the relative humidity should remain between 40% and 65%. Deviations from these tolerance values can lead to dimensional changes in the panels, depending on the materials used, and potential changes in the conductivity values. For more details, please consult our "User Guidelines" brochure.

Accessories

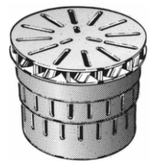
Step System with Front Panelling and Railings



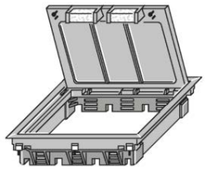
Ramp System



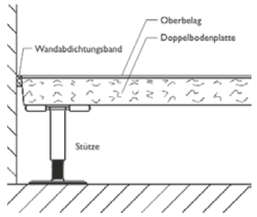
Ventilation Element



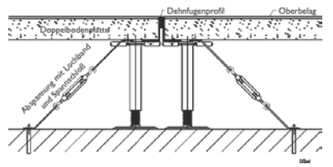
Floor Box Insert



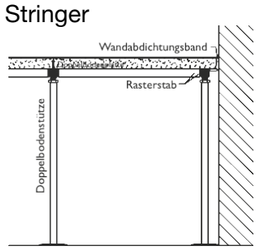
Wall Connection



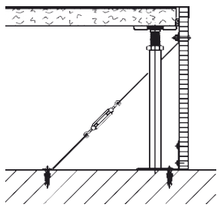
Expansion Joint



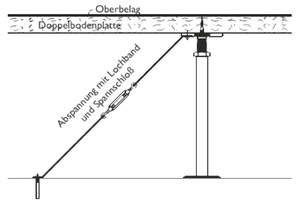
Stringer



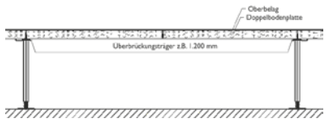
Anchoring Front panelling



Anchoring Panel row

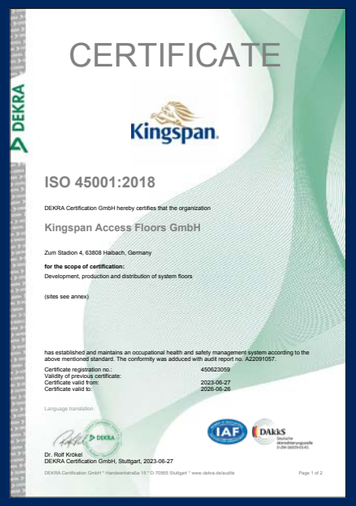


Bridge Girder



Additional accessories on request

Certificates


CERTIFICATE

Kingspan

ISO 45001:2018

DEKRA Certification GmbH hereby certifies that the organization

Kingspan Access Floors GmbH

Zum Stadion 4, 63808 Haibach, Germany

for the scope of certification:
Development, production and distribution of system floors

(sites see annex)

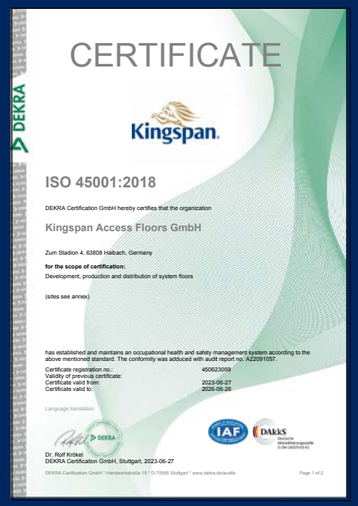
has established and maintains an occupational health and safety management system according to the above mentioned standard. The conformity was adduced with audit report no. A22091057.

Certificate registration no.: 450623059
Validity of previous certificate:
Certificate valid from: 2023-06-27
Certificate valid to: 2026-06-26

Language translation

Dr. Rolf Krökel
DEKRA Certification GmbH, Stuttgart, 2023-06-27

DEKRA Certification GmbH * Handwerkstraße 15 * D-70565 Stuttgart * www.dekra.de/audits Page 1 of 2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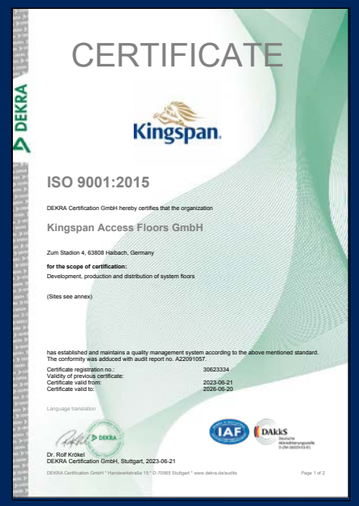
CERTIFICATE

Kingspan

ISO 9001:2015

DEKRA Certification GmbH hereby certifies that the organization

Kingspan Access Floors GmbH

Zum Stadion 4, 63808 Haibach, Germany

for the scope of certification:
Development, production and distribution of system floors

(Sites see annex)

has established and maintains a quality management system according to the above mentioned standard. The conformity was adduced with audit report no. A22091057.

Certificate registration no.: 30623334
Validity of previous certificate:
Certificate valid from: 2023-06-21
Certificate valid to: 2026-06-20

Language translation

Dr. Rolf Krökel
DEKRA Certification GmbH, Stuttgart, 2023-06-21

DEKRA Certification GmbH * Handwerkstraße 15 * D-70565 Stuttgart * www.dekra.de/audits Page 1 of 2


eurofins

Attestation

European National Regulations on VOC emissions

On 27 February 2018, Eurofins Product Testing A/S received a sample of a ceiling panel with the product name:

GIFAboard and GIFAfloor

supplied by

Knauf Integral KG

The emissions were tested according to the regulations in Germany, France and Belgium. The test is in accordance with German AgBB (2015) and the guidelines of the DIBt (2010), the French legislation of 2011 on emission classes as specified in decree no 2011-321, and the Belgian Royal Decree C-2014/24239. Sampling, testing and evaluation were performed according to EN 16516, ISO 16000-3, ISO 16000-6, ISO 16000-9, ISO 16000-11 in the latest versions, see the test report no. 392-2018-00088701_A_DE.

The formaldehyde test result is similar to a test obtained with EN 717-1.

Evaluation of the emission test result according to Indoor Air Comfort 6.0:

- French VOC class: A+
- Carcinogenic substances were not detectable after 3 and after 28 days.
- The total of all VOC ("TVOC") and the sum of all VOC (AgBB) after 3 days both were below the limit of 10 000 µg/m³.
- The total of all VOC ("TVOC") and the sum of all VOC (AgBB) after 28 days both were below the limit of 1000 µg/m³.
- The total of all SVOC ("TSVOC") after 28 days was below the limit of 100 µg/m³.
- After 28 days the values R_I and R_{II} were below the limit of 1.
- The sum of VOC without LCI_s after 28 days was below the limit of 100 µg/m³.
- Formaldehyde after 28 days was below the limit of 60 µg/m³.

The tested product complies with referenced European regulations as of 13 April 2018

13 April 2018

Nanna Boholm
Chemist

Rasmus Stenkjaard Christensen
Analytical Service Manager, MSc in Chemistry

Eurofins Product Testing A/S • Smedeskovvej 38, 8464 Galten, Denmark • Tel. +45 70 22 42 76
www.product-testing.eurofins.com


IBR

Institut für **Baubiologie** Rosenheim GmbH

Certificate of Award

Based on the excellent test results, the Seal of Approval

is hereby awarded to

KNAUF

Knauf Integral KG
D-74589 Satteldorf

for the tested product

Knauf gypsum fibreboards

by the Institut für Baubiologie Rosenheim GmbH.

Reimut Hentschel, Managing Director
Rosenheim, February 2021

The Seal of Approval is awarded for 2 years. In the interest of consumers, follow-up testing of the product is mandatory and must be performed in due time before the Seal of Approval expires. The rights and entitlements to reapply for these tests,

IBR Institut für **Baubiologie** GmbH D-83022 Rosenheim Mühlstrasse 19
tel. +49 (0)8031 / 36130 fax +49 (0)8031 / 35670 www.baubiologie-ibr.de


Certificate SGSCH-COC-041134

The Organization

Kingspan Access Floors Europe nv

SGS

Fabrieksstraat 4, 3670 Oudsbergen, Belgium

has been assessed and certified as meeting the requirements of

FSC® Chain-of-Custody

The company was assessed against the following standards
FSC-STD-40-004 V3-1 - Chain of Custody Certification
FSC-STD-50-001 Requirements for use of the FSC trademarks by Certificate Holders

for the products detailed in the scope below:

Purchase of FSC mix chipboard and High-Pressure Laminates for the (outsourced) production and sale of FSC mix raised access flooring (Transfer system).
Purchase and sale of FSC Mix raised access floors (Transfer system).

This certificate is valid from 14 November 2022 until 19 August 2024 and remains valid subject to satisfactory surveillance audits.
Issue 3. Certified since 20 August 2019

Authorised by
Sylvie Seiler

Authorised by
Christian Kobel

SGS Société Générale de Surveillance SA
1, Place des Alpes, 1201 Geneva, Switzerland
t +41 (0)22 739 91 11 - www.sgs.com

SGS

FSC

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Space for your notes:

Space for your notes:

Space for your notes:

PLANET PASSIONATE

At Tate, we want to contribute to the fight against climate change. We believe that advanced materials, construction techniques and digital technologies are key to meeting these challenges.

Planet Passionate is Kingspan's ambitious, global sustainability programme, which Kingspan Data Solutions as a division of the Kingspan Group has long supported.

We believe that clear goals lead to concrete measures. We have set out 11 measurable goals to drive rapid change in our business.

QR Code scannen & mehr erfahren

Our Four Sustainability Pillars

Climate Action

We aim to **reduce energy-related carbon emissions by 60%**

90% of company-funded vehicles are set to be replaced annually with zero-emission models

We're working toward a **15% reduction in carbon intensity** of key raw materials

Energy

Our goal: **60% direct use of renewable energy**

All priority sites are **ISO 50001 certified**

100% of wholly owned sites will be equipped with solar PV systems

Circularity

We are committed to **zero waste to landfill** across operations

Already using **33,000 tons of recycled and renewable materials**

A **take-back and recycling program** has been successfully launched and continues to grow

Water

We focus on water reuse **4.9 million liters of harvested rainwater** have already been used

Planet Passionate Communities

In autumn 2021, the Kingspan Group launched Planet Passionate Communities, the philanthropic branch of its ten-year sustainability program, Planet Passionate. This initiative aims to support people and communities around the world while promoting sustainable actions using responsibly sourced materials.

Planet Passionate Communities creates impact on both local and global levels. Locally, all Kingspan divisions dedicate time and resources to support community-based projects in their regions. Globally, Kingspan Group has partnered with GOAL, an international humanitarian organization, to develop sustainable infrastructure in the areas of healthcare and education – with a strong focus on long-term impact.

At the heart of Planet Passionate Communities is the ambition to leave a positive legacy – through social commitment, environmental responsibility, and a shared determination to help build a better world.

Tate. | PLANET PASSIONATE COMMUNITIES

WE ARE PLANET PASSIONATE

At Tate, we are committed to using our expertise to make a positive impact on people and communities worldwide and to advance the sustainability agenda for all.