

ENGINEEREDWOODPRODUCTS

MEZZANINE BOARDS IN WAREHOUSE TECHNOLOGY



OTTO SCHNEIDER

SPECIALIST FOR ENGINEERED WOOD PRODUCTS

SINCE 1926

QUALITY FROM TRADITION

Engineered wood products have had a long and successful history at Otto Schneider. The company was founded in 1926 and remains owner-operated today – now in the 3rd generation. This is your guarantee of continuity. But times and technology have changed enormously. Still, when it comes to quality – in the product range and customer service – we make no compromises.

Our field of endeavor is international, we deliver to many European countries and beyond.



Hermann Schneider
General Manager

EXPERIENCE PAYS OFF

We specialise in chipboard shelving for warehouse technology. Our core range is made up of chipboard shelves that are primarily used in warehouse technology. This means that the demands placed on safety, material durability, anti-slip properties, abrasion and fire resistance are on the same high level.



RANGE OF SERVICES

FLEXIBLE PLANNING

Melamine resin coated surfaces as requested.

Our huge range of products on stock allows us to react quickly. We can also meet special customer wishes in terms of size, decor and anti-slip properties. This is made possible by our own manufacturing plant with a flexible short-tact press. Tongue and groove can also be milled to your specifications.

GUARANTEED DELIVERY

We deliver as promised. Delivery loyalty is the prime decisive factor for satisfaction. We do everything we can to adhere to agreed delivery dates. We have been working closely together with the highest performing international logistics partners for many years now so that the engineered wood products on order arrive at the right place at the right time. You can rely on it!

PROJECT EXECUTION

Your project in good hands. Responsible project management starts with competent specialist consultations on materials that are ideally suitable for your project. Account has to be taken of every aspect: statics, applicable norms and cost efficiency. On demand our team uses CAD to plan for you. This also includes, of course, optimizing panel size and reducing waste.

COMPETENT CONSULTING

We are pleased to advise you, competently and comprehensively. Call us, our qualified staff will help you.

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Schneider SafetyFloor®

MEZZANINES BEARING LOADS UP TO 350 KG*

Affordable and durable – a long-lasting technical floor.

P4



P6



PROPERTIES

Heavy-duty load-bearing

Thickness

Spec. weight EN 323

E-Module EN 312

Flexural strength EN 312

Anti-slip DIN 51130

Moisture class

Formaldehyde class EN 120

Fire class

Abrasion resistance

P4 and P6

30 and 38 mm

from 640 to 720 kg/m³

from 1500 to 2200 N/mm²

from 9 to 14 N/mm²

R9 to R11

for general purposes in dry conditions

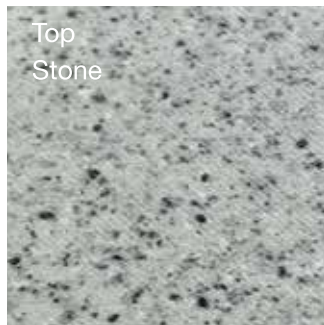
E1

D s2, d0

from☆☆ to☆☆☆☆

SURFACES

Top
Stone



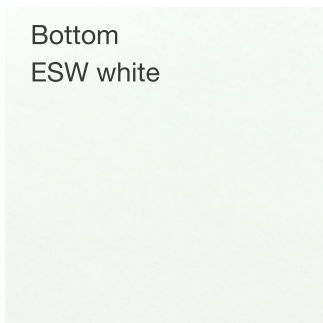
Top
Grey



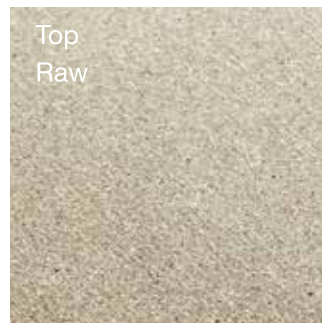
Top
Granite



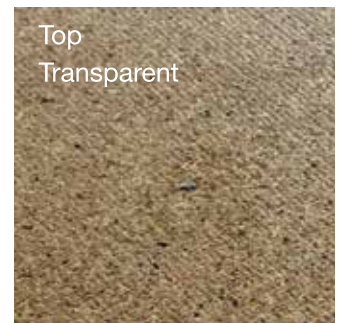
Bottom
ESW white



Top
Raw



Top
Transparent



*General recommendation non-binding depending on requirements and static circumstances.
Static certification, if required, will have to be submitted separately

Schneider SafetyFloor®

MEZZANINES BEARING LOADS FROM 350 TO 750 KG*

Medium loads – mezzanines for foot traffic and hand pallet trucks.
Good quality secures the investment and maintains value.

P6



P6+

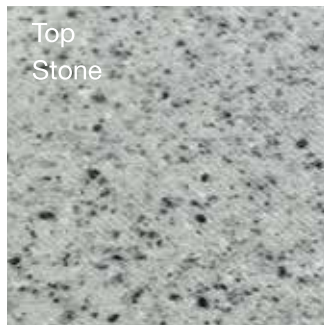


PROPERTIES

| | |
|---------------------------|----------------------------------------|
| Heavy-duty load-bearing | P6 and P6+ |
| Thickness | 38 mm |
| Spec. weight EN 323 | from 680 to 750 kg/m ³ |
| E-Module EN 312 | from 2200 to 3300 N/mm ² |
| Flexural strength EN 312 | from 14 to 17 N/mm ² |
| Anti-slip DIN 51130 | R9 to R11 |
| Moisture class | for general purposes in dry conditions |
| Formaldehyde class EN 120 | E1 |
| Fire class | D s2, d0 |
| Abrasion resistance | from ☆☆☆ to ☆☆☆☆☆ |

SURFACES

Top
Stone



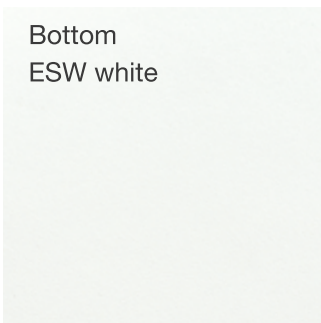
Top
Grey



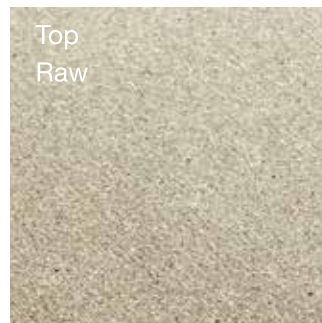
Top
Granite



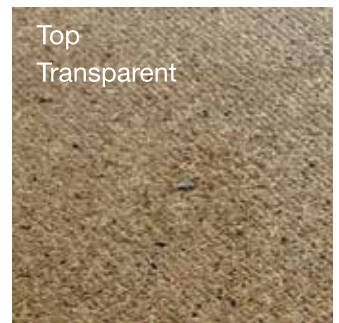
Bottom
ESW white



Top
Raw



Top
Transparent



*General recommendation non-binding depending on requirements and static circumstances.
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Schneider SafetyFloor®

MEZZANINES BEARING LOADS MORE THAN 750 KG*

High traffic loads – mezzanines for foot and driving traffic.

Special products for the highest demands.

For technical descriptions see page 14.

P6



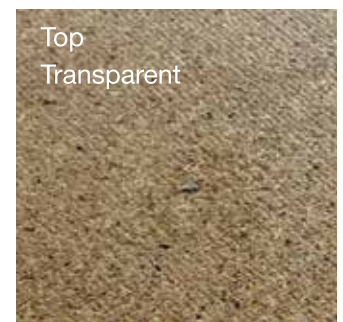
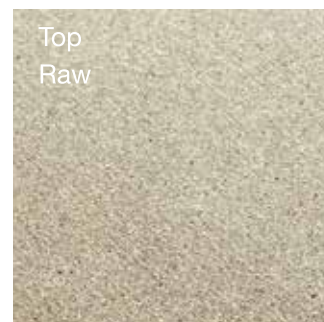
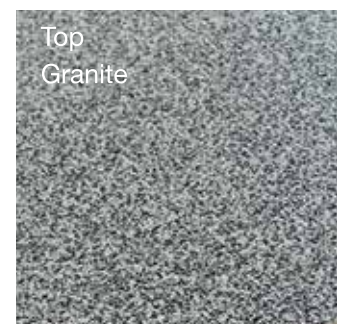
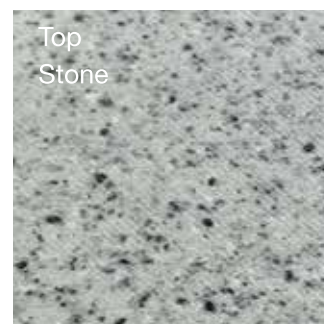
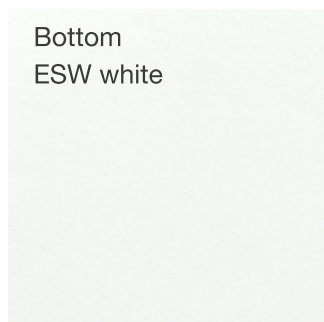
P6+



PROPERTIES

| | |
|---------------------------|----------------------------------------|
| Heavy-duty load-bearing | P6 and P6+ |
| Thickness | 38 mm |
| Spec. weight EN 323 | from 680 to 750 kg/m ³ |
| E-Module EN 312 | from 2200 to 3300 N/mm ² |
| Flexural strength EN 312 | from 14 to 17 N/mm ² |
| Anti-slip DIN 51130 | R9 bis R11 |
| Moisture class | for general purposes in dry conditions |
| Formaldehyde class EN 120 | E1 |
| Fire class | D s2, d0 |
| Abrasion resistance | from☆☆ to☆☆☆☆ |

SURFACES



*General recommendation non-binding depending on requirements and static circumstances.
Static certification, if required, will have to be submitted separately

SPECIAL MANUFACTURING FOR YOUR PROJECT

We produce engineered wood products and special constructions for you with abrasion resistance and anti-slip properties as well as chipboard panels made of Multiplex. For your project, we offer opportunities for designing the surfaces you require and request. Our manufacturing

equipment with a flexible short-cycle press allows for customised project planning. Tongue and groove are also manufactured to completely meet your requirements.

SURFACES



Impression manufacturing equipment

Multiplex



Multi-layer melamine resin decor surfaces



Schneider SafetyFloor®

INCREASED HUMIDITY*

Medium and high traffic loads - mezzanines for foot and driving traffic.

Special products for the highest demands.

Applications in areas with increased humidity.

P5



P7



PROPERTIES

Heavy-duty load-bearing

Thickness

Spec. weight EN 323

E-Module EN 312

Flexural strength EN 312

Anti-slip DIN 51130

Moisture class

Formaldehyde class EN 120

Abrasion resistance

P5 and P7

38 mm, other sizes on demand

from 660 to 750 kg/m³

from 1700 to 2600 N/mm²

from 10 to 16 N/mm²

R9 to R11

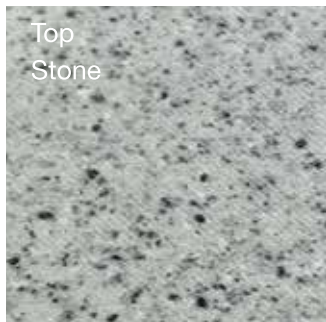
for general purposes in dry conditions

E1

from☆☆ to☆☆☆☆

SURFACES

Top
Stone



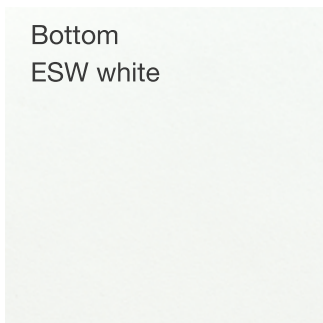
Top
Grey



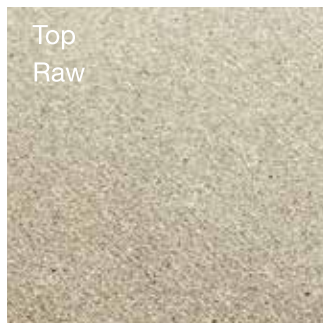
Top
Granite



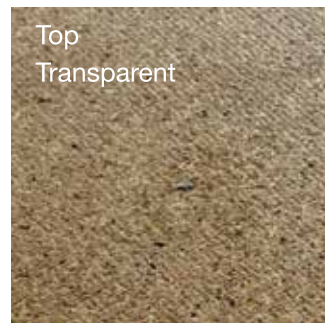
Bottom
ESW white



Top
Raw



Top
Transparent



*General recommendation non-binding depending on requirements and static circumstances.
Static certification, if required, will have to be submitted separately.

Schneider SafetyFloor®

ANTISTATIC equipment in accordance with EN 1815: 1997

Our high-quality anti-static products offer you an anti-static effect independent of the climate.

P4



P6



P6+

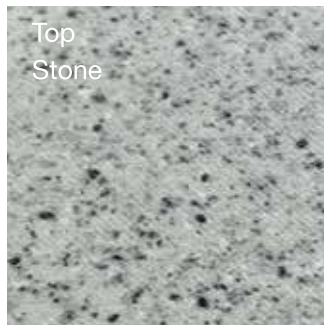


PROPERTIES

| | |
|---------------------------|----------------------------------------|
| Antistatic | Mezzanine SDW AS |
| Heavy-duty load-bearing | P4, P6 and P6+ |
| Thickness | 38 mm |
| Spec. weight EN 323 | from 680 to 750 kg/m ³ |
| E-Module EN 312 | from 2200 to 3300 N/mm ² |
| Flexural strength EN 312 | from 14 to 17 N/mm ² |
| Anti-slip DIN 51130 | R9 to R11 |
| Moisture class | for general purposes in dry conditions |
| Formaldehyde class EN 120 | E1 |
| Fire class | D s2, d0 |
| Abrasion resistance | from ★★ to ★★★★★ |

SURFACES

Top
Stone



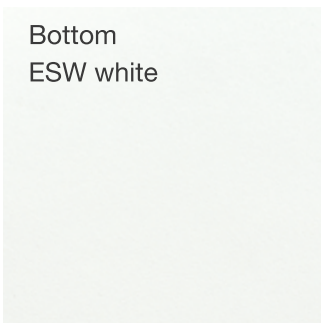
Top
Grey



Top
Granite





Bottom
ESW white





Schneider FireFloor®

Fire class $C_{fl} s_1$ in accordance with EN 13501-1*

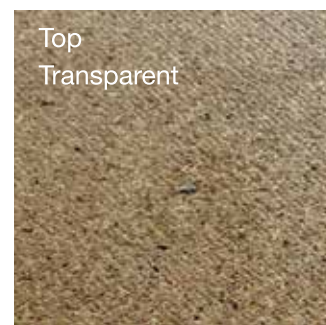
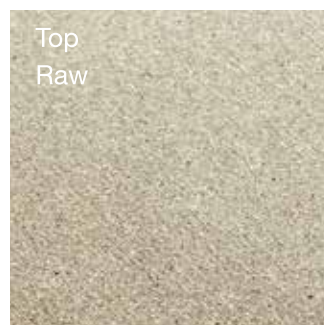
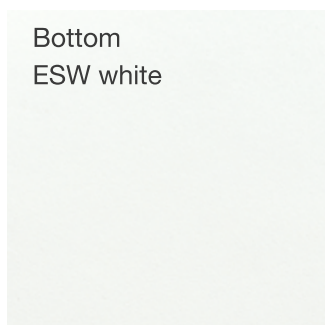
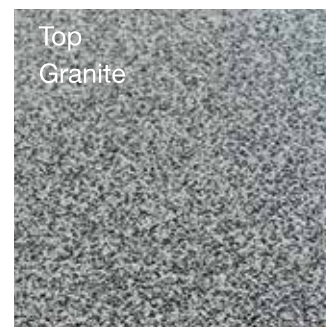
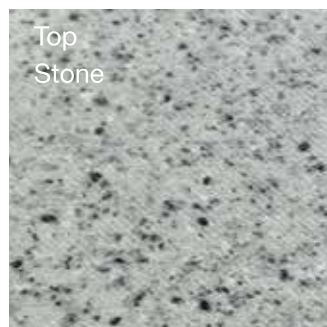
This flooring is ideal when you need a floor with fire-retardant properties in your utility surface.

| | |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| P4 |   |
| P6 |   |
| P6+ |   |

PROPERTIES

| | |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fire class | $C_{fl} s_1$ in accordance with EN 13501-1* |
| Heavy-duty load-bearing | P4, P6 and P6+ |
| Thickness | 38 mm |
| Spec. weight EN 323 | from 640 to 750 kg/m ³ |
| E-Module EN 312 | from 1200 to 3300 N/mm ² |
| Flexural strength EN 312 | from 14 to 17 N/mm ² |
| Anti-slip DIN 51130 | from R9 to R11 |
| Moisture class | for general purposes in dry conditions |
| Formaldehyde class EN 120 | E1 |
| Abrasion resistance | from  to  |

SURFACES



*Use as horizontally laid flooring

Fire class $B_{fl} s_1$ in accordance with EN 13501-1*

This flooring distinguishes itself by its high resistance to fire, thus offering additional safety in case of fire.

P6

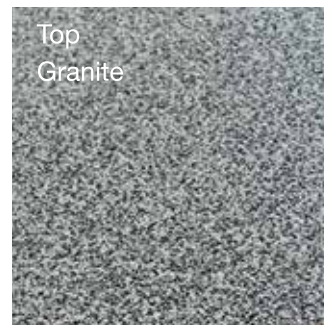


PROPERTIES

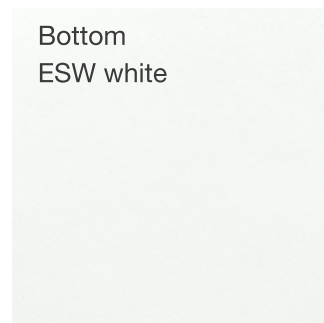
| | |
|---------------------------|---------------------------------------------|
| Fire class | $B_{fl} s_1$ in accordance with EN 13501-1* |
| Heavy-duty load-bearing | P6 |
| Thickness | 38 mm |
| Spec. weight EN 323 | from 640 to 720 kg/m ³ |
| E-Module EN 312 | 2200 N/mm ² |
| Flexural strength EN 312 | 17 N/mm ² |
| Anti-slip DIN 51130 | from R9 to R11 |
| Moisture class | for general purposes in dry conditions |
| Formaldehyde class EN 120 | E1 |
| Abrasion resistance | from ☆☆ to ☆☆☆☆ |

SURFACES

Top
Granite





Bottom
ESW white





Schneider FireFloor®

Fire class B1 in accordance with DIN EN 4102-1 Part 14*

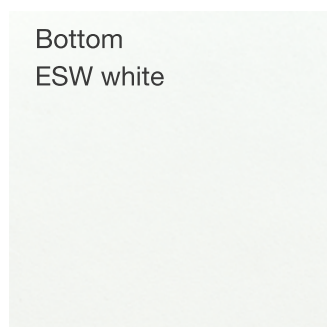
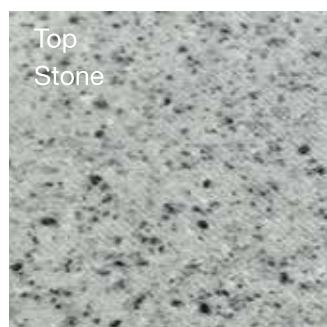
This flooring is ideal when you need a floor with fire-retardant properties in your utility surface.

| | |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| P4 |   |
| P6 |   |
| P6+ |   |

PROPERTIES

| | |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fire class | B1 Part 14 in accordance with DIN EN 4102-1* |
| Heavy-duty load-bearing | P4, P6 and P6+ |
| Thickness | 38 mm |
| Spec. weight EN 323 | from 640 to 720 kg/m ³ |
| E-Module EN 312 | from 1500 to 3300 N/mm ² |
| Flexural strength EN 312 | from 9 to 14 N/mm ² |
| Anti-slip DIN 51130 | from R9 to R11 |
| Moisture class | for general purposes in dry conditions |
| Formaldehyde class EN 120 | E1 |
| Abrasion resistance | from  to  |

SURFACES



*Use as horizontally laid flooring in an application on mezzanines – except in waiting rooms.

Fire Class 0 in accordance with British Standard BS 476

This flooring distinguishes itself by its high resistance to fire and thus meets the regulations set down in the British norm.

P5



P6

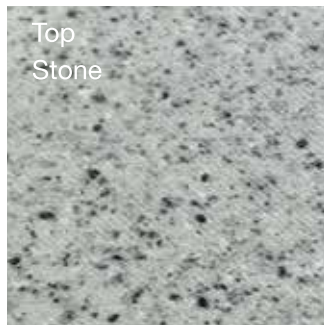


PROPERTIES

| | |
|---------------------------|----------------------------------------------------------------------------------------------------|
| Fire class | British Standard BS 476 Pt. 6 1989 Fire Propagation Pt. 7 1997 Surface Spread of Flame: Class 0 |
| Heavy-duty load-bearing | P5 and P6 |
| Thickness | 38 mm |
| Spec. weight EN 323 | from 640 to 720 kg/m ³ |
| E-Module EN 312 | from 1700 to 2200 N/mm ² |
| Flexural strength EN 312 | from 10 to 17 N/mm ² |
| Anti-slip DIN 51130 | from R9 to R11 |
| Formaldehyde class EN 120 | E1 |
| Abrasion resistance | from ★★ to ★★★★★ |

SURFACES

Top
Stone



Top
Grey



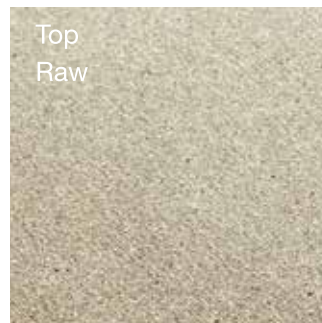
Top
Granite



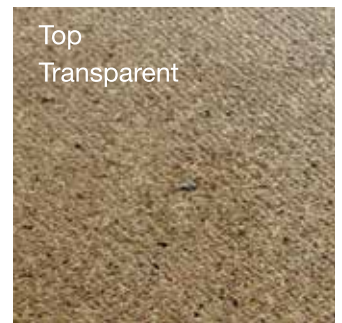
Bottom
Aluminium



Top
Raw



Top
Transparent



TECHNICAL SPECIFICATIONS

LOADS EN 312

Description

| | | |
|-----------|---------------------------------------------------------------------------------------------|-----------|
| P1 | Panels for general purposes in dry conditions | ☹☹☹☹☹ |
| P2 | Panels for interior equipment (including furniture) in dry conditions | ☹☹☹☹☹ |
| P3 | Panels for non-load-bearing purposes for applications in humid conditions | ☹☹☹☹☹ |
| P4 | Panels for load-bearing purposes for applications in dry conditions | ★ ★ ☹ ☹ |
| P5 | Panels for load-bearing purposes for applications in humid conditions | ★ ★ ☹ ☹ |
| P6 | Heavy-duty load-bearing panels for load-bearing purposes for applications in dry conditions | ★ ★ ★ ★ ☹ |
| P7 | Heavy-duty load-bearing panels for load-bearing purposes for applications in wet conditions | ★ ★ ★ ★ ★ |

Wet rooms

For spaces with briefly increased humidity:

| | |
|-----------|---------|
| P5 | ★ ★ ☹ ☹ |
| P7 | ★ ★ ★ ★ |

Norms

Our products are subjected to strict quality controls in accordance with the applicable norms.

Ergonomics and functionality

Mezzanines made of wood are gentle on joints and improve the climate in a space.

Sustainability

Wood is a natural, renewable resource.

Delivery range

Floorboards, shelf boards, edging, edge gluing, edge sealing, wood grates, stair steps and handrails.



Abrasion classes

Abrasion

| |
|-----------|
| ★ ☹ ☹ ☹ ☹ |
| ★ ★ ☹ ☹ ☹ |
| ★ ★ ★ ☹ ☹ |
| ★ ★ ★ ★ ☹ |
| ★ ★ ★ ★ ★ |

Load

| |
|------------|
| without |
| normal |
| raised |
| high |
| extra high |

EN 13329

| |
|---------------|
| up to AC1/AC2 |
| up to AC3/AC4 |
| up to AC5 |
| more than AC5 |

ANTI-SLIP

Selecting suitable anti-slip properties

The issue of suitable anti-slip properties depends on the use for the flooring. For instance, if the floor has to stand up under heavy wheel loads from transportation equipment, use of flooring with a low level of anti-slip is recommended. The deep and rough structure of flooring with high anti-slip properties is much more difficult to clean. Please note that a high level of anti-slip can lead to a greater danger of tripping, and joints are much more subject to strain. We would be pleased to advise you in your selection and will offer you the proper anti-slip properties as well as mechanical properties best suited for your workspace.



Examples for requirements for anti-slip classes in a variety of workspaces in accordance with DIN 51130: 2004 06

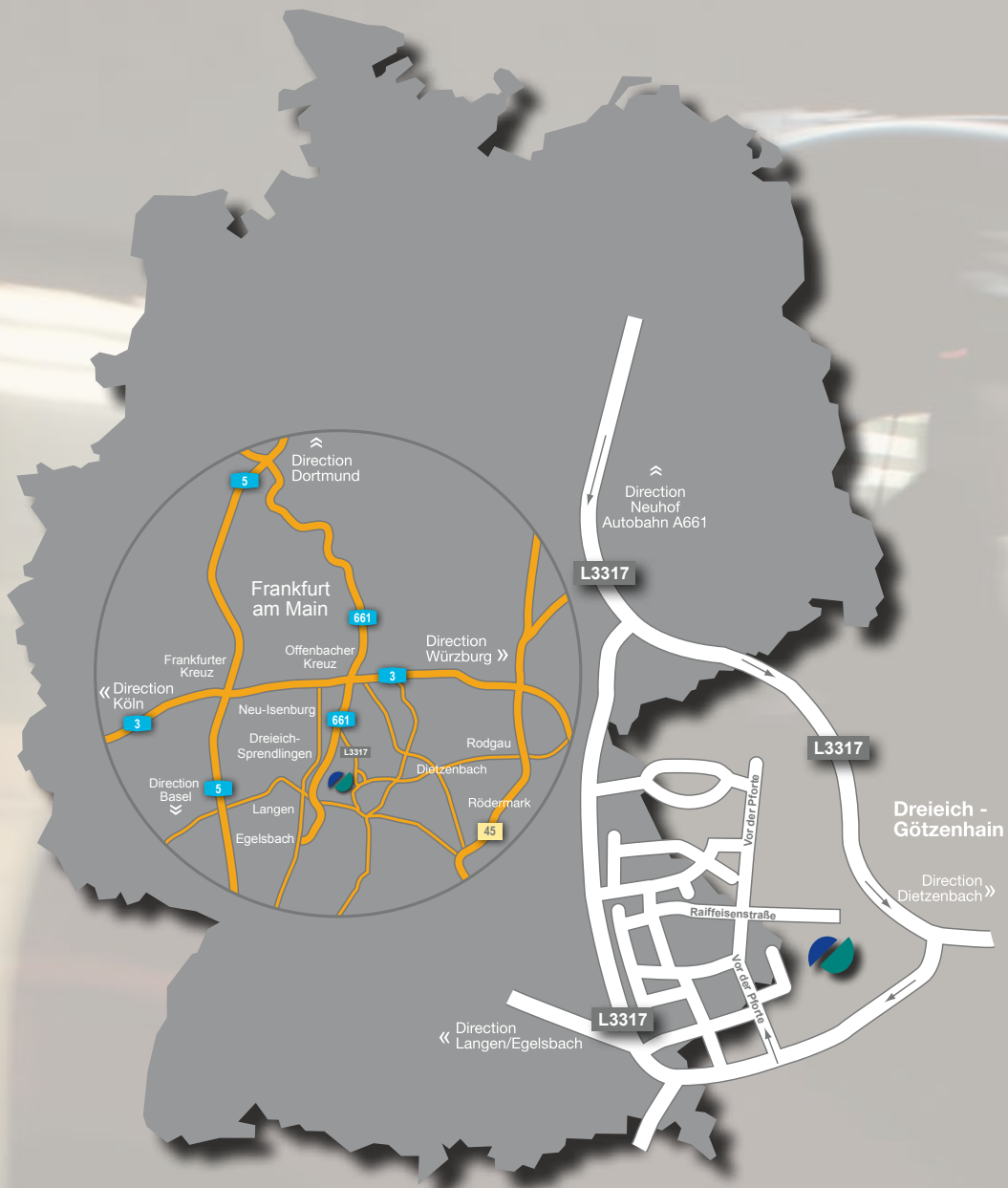
- R9** General workspaces and workspaces (interior), except sanitary rooms
- R10** Warehouses for packaged foodstuffs
- R11** Open-air warehousing areas
- R12** Warehouses for greases and oils
- R13** Manufacturing of edible fats, slaughtering, meat processing

ANTI-SLIP
CLASSES

R9

R10

R11



OTTO SCHNEIDER
ENGINEERED WOOD PRODUCTS

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