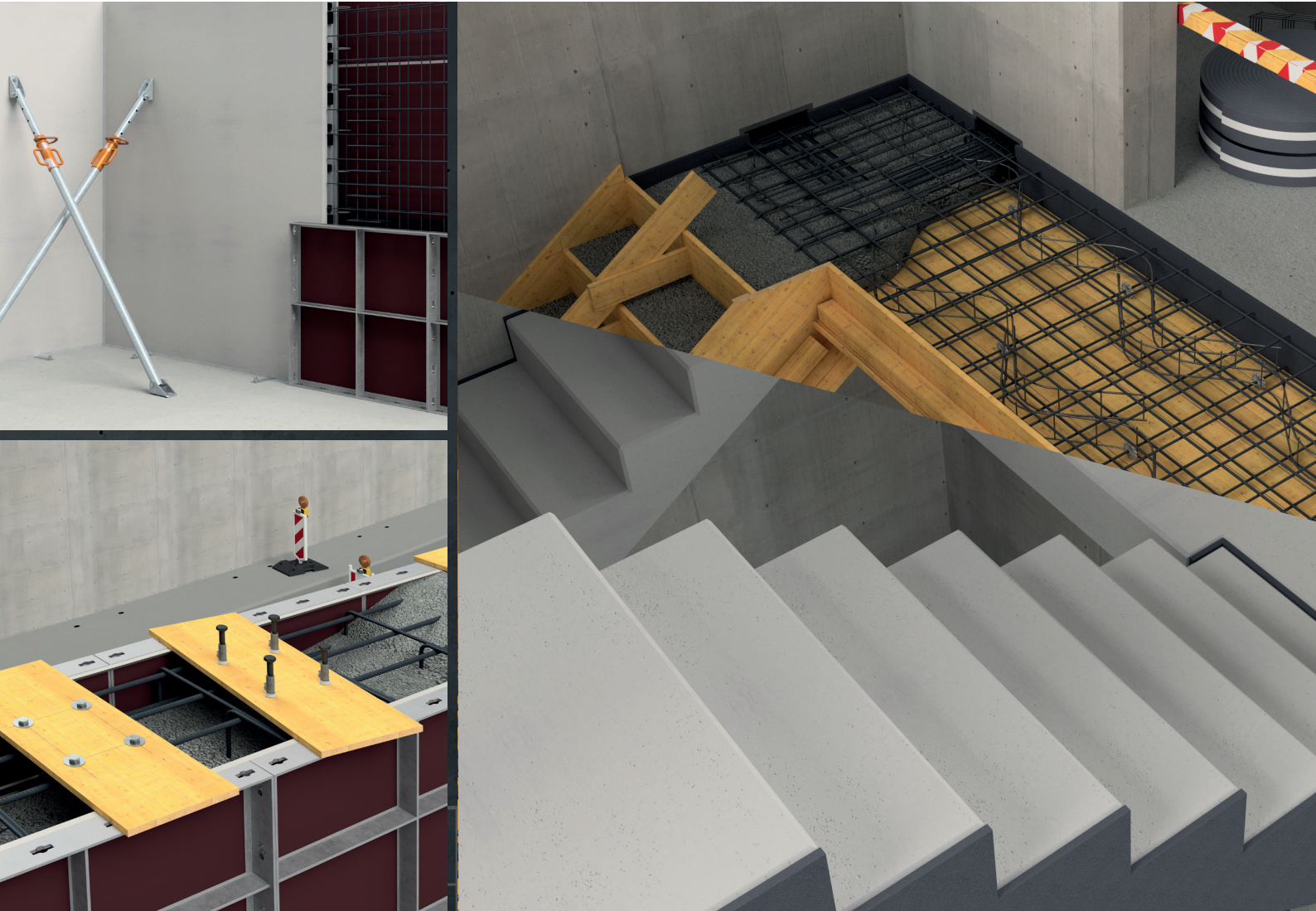


BUILDING SOLUTIONS



PORTFOLIO

PRODUCTS AND SERVICES

HYDRAULIC COMPONENTS & POWER UNITS PRODUCTION CYLINDER PRODUCTION



- » Cylinder production
- » Power units production
- » Hydraulic components
- » Connection technology
- » Fluidmanagement

BUILDING SOLUTIONS



- » Transport
- » Connection
- » Facades
- » Fixation
- » Bearing systems with noise reduction
- » Earthing / Grounding

LIFTING, ATTACHMENT AND LASHING TECHNOLOGY



- » Lifting devices
- » Lifting equipment
- » Wire ropes and accessories
- » Stop technology
- » Lashing equipment
- » PPEgA



SERVICE

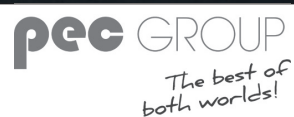


- » Testing and repair service in accordance to Accident Prevention Regulations
- » Hydraulic services and installation
- » Planning and design
- » Customer support
- » PHILIPPACADEMY
- » myPHILIPP App

CONTENT

» INTRODUCTION	4
» TRANSPORT	6
» CONNECTION	8
» FACADES	10
» FIXATION	12
» BEARING SYSTEMS WITH NOISE REDUCTION	14
» EARTHING/GROUNDING	16
» SERVICE	18

OUR PARTNER FOR BUILDING SOLUTIONS



Dear business partners and friends of the company,

as the CEO of the **PHILIPPGROUP**, I am proud to be a part of our company's history and family. For over 50 years, our company has continuously evolved and is now a major player in the market for innovative and high quality products and services.

With over 300 employees at three locations in Germany and more than 30 international cooperation partners worldwide, we are one of the leading manufacturers and suppliers of products in the fields of building solutions, hydraulic components, transport and assembly systems for precast concrete construction, rope and lifting technology

aggregate construction and also cylinder construction. Numerous patents and industrial property rights reflect our innovative strength and technical know-how. Our customers appreciate not only the quality of our products, but also our excellent customer service and fast delivery.

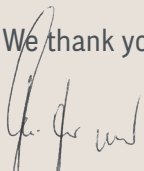
Throughout the years, we have always focused on understanding our customers' needs and developing innovative solutions to meet their needs.

We are pleased that our commitment is now also underlined by the DIN EN ISO 9001 certification. We are proud of our certifications and are continuously improving.

Our goals are clearly defined:

We also remain true to our commitment to sustainability and environmental protection and are constantly looking for ways to minimize our environmental footprint.

We thank you for your interest and confidence.



Thorsten Philipp and his team



» FROM PLANNING AND CONSTRUCTION TO AFTER-SALES-SERVICE

The **PHILIPPGROUP** is a leading provider of comprehensive solutions for your construction projects. We have a wide range of products and offer an all-round carefree package from problem analysis to consulting and on-site service and ensure the right solution for every application - from planning and construction to after-sales service. Our experience and know-how in the areas of in-site concrete and also precast concrete elements enables us to offer our customers high-quality products and services tailored to their specific requirements.

Our services include demand analysis to understand specific requirements of each customer and develop individual solutions. We ensure that the best possible installation parts are selected at the design stage to meet the highest quality standards. We advise our prospects on the best products and solutions to ensure that their requirements are met and their projects are always successful.

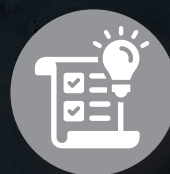
We as **PHILIPPGROUP** stand for customized solutions for all requirements as well as continuous improvement of our existing products. We also conduct trials to ensure that our products meet the highest standards and fulfil all requirements. We are proud to offer fast and reliable delivery so that your projects can continue and be finalized as planned. We also offer fast and efficient support with our on-site service. As a partner, we support them through every step of their construction project - from the initial idea to completion and beyond.



DEMAND
ANALYSIS



CONSULTING



DEVELOPMENT



DESIGN



TEST EXECUTION



DELIVERY

Our expert team of technicians and experienced sales staff can be reached by phone, e-mail, videoconference and also via personal on-site field service.

TEAM BUILDING SOLUTIONS

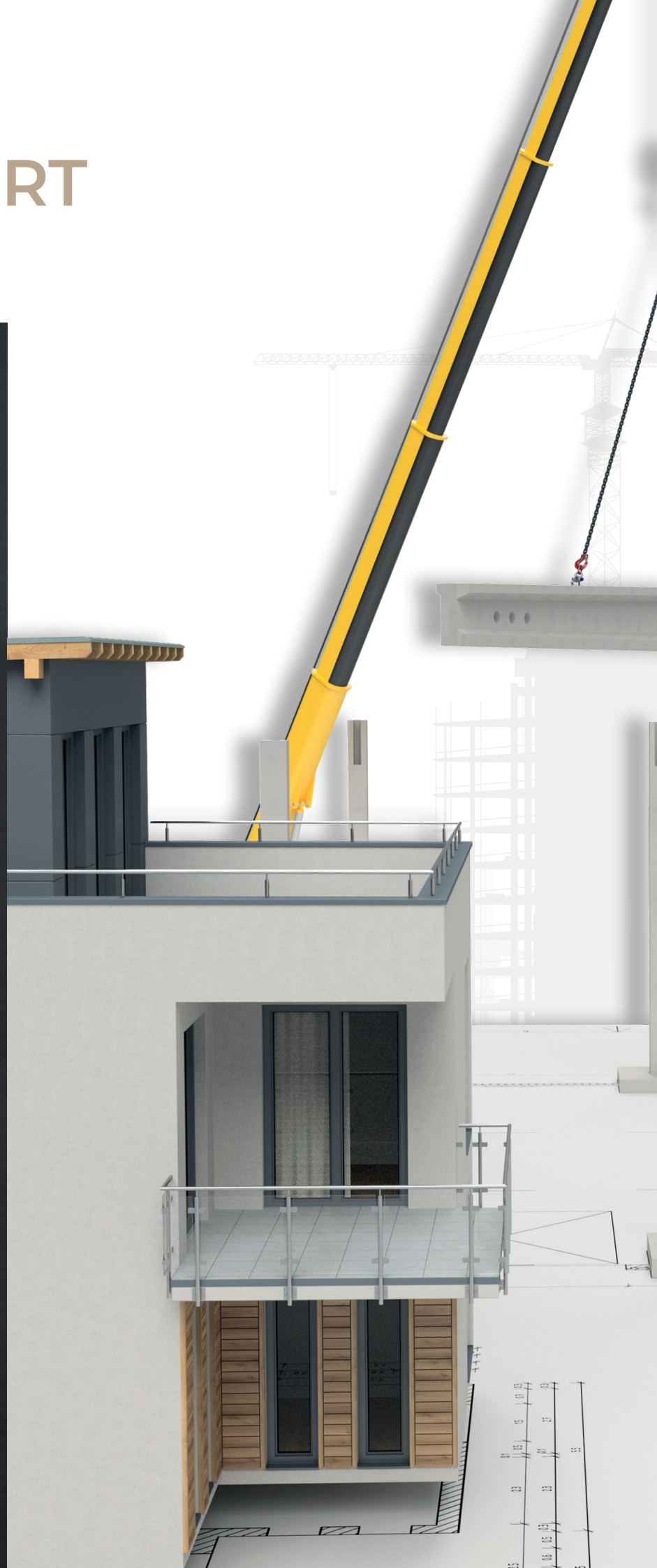
+49 6021 4027-300
tum@philipp-gruppe.de

» TRANSPORT

The **PHILIPPGROUP's** lifting anchors face "tough" challenges every day in the transport and challenges in the transport and assembly of precast concrete elements. The safety of people in the precast plant and on the construction site, as well as during construction site and during use is particularly close to our hearts. With high-quality and precisely manufactured lifting anchors, the **PHILIPPGROUP**, that quality creates trust and thus safety. Continuous quality assurance measures additionally strengthen this trust.

The production of lifting anchor systems is regulated by European-wide regulations, on the one hand the so-called Machinery Directive and on the other hand DIN EN 13155. On the basis of these directives, the transport anchor systems are CE marked throughout.

In addition to lifting anchor systems, the **PHILIPPGROUP** also offers complementary products from the field of lifting, attachment and lashing technology, such as load suspension and slinging equipment for a wide range of requirements. The **PHILIPPGROUP** offers complete systems from a single source, from crane hooks to lifting anchors, and thus stands for all-round solutions for all requirements in the field of precast concrete parts.



“

TRANSPORT AND ASSEMBLY - SECURED



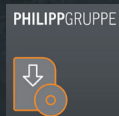
» CONNECTION

Modern building technology in framework technique requires multiple connections in different style. Our solutions are focused on vertical connections for walls between each other and to columns mainly.

Most of this connections can be realised with our range of boxes and rails, which generate a interlocking the joint. These are secured by high-strength mortar in the joints. Overall, the flexibility of wire rope loop systems greatly simplifies the installation of concrete elements, whether precast elements or in-site concrete structures are used.

Solutions for simple, structural connections, i.e. without transferring static loads, are also available by means of various product types.

**DESIGN SOFTWARE
FOR CABLE LOOP
CONNECTIONS
(PHILIPP POWER SERIES)**

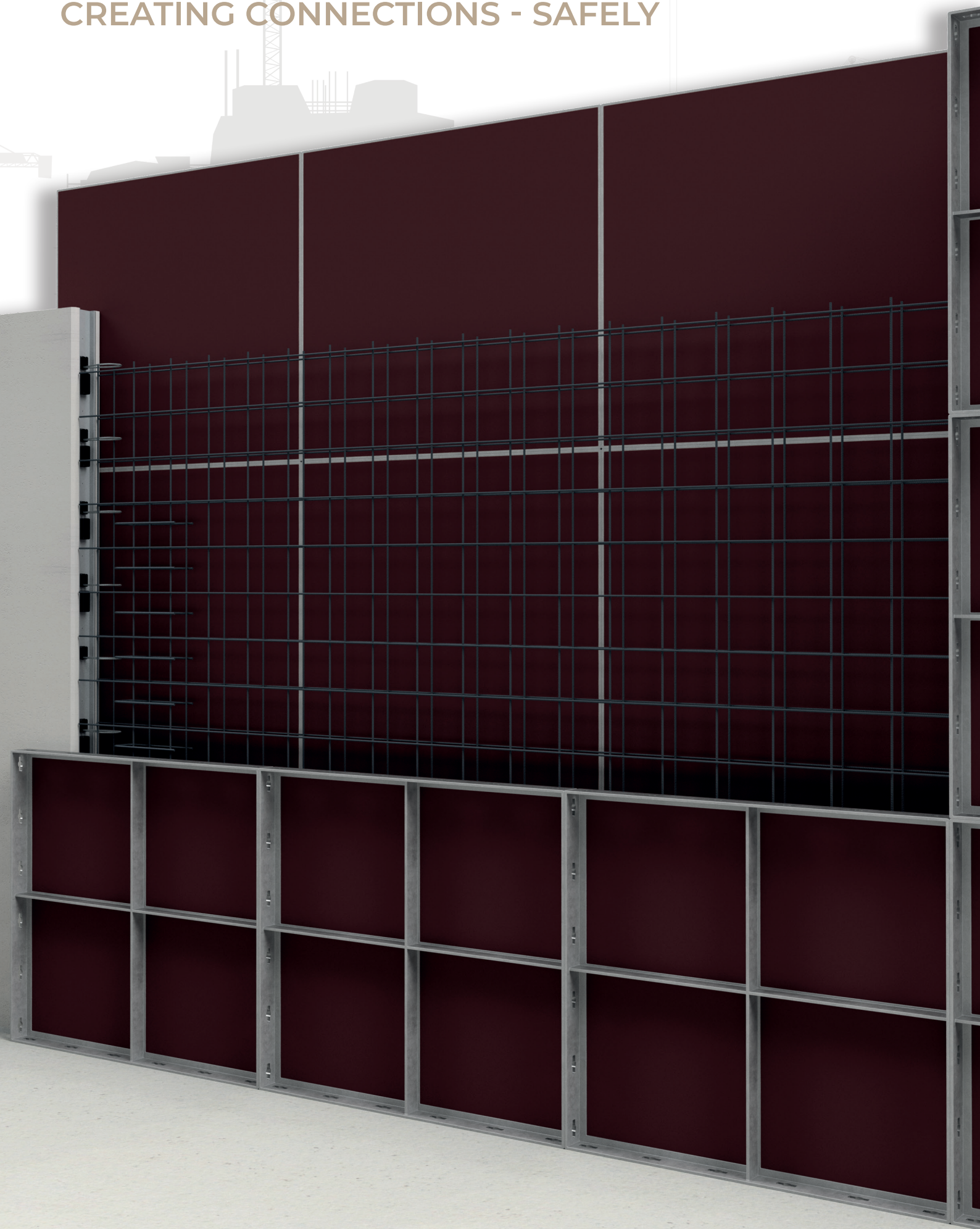


With just a few entries our online calculation allows you to design precast connections with the approved products of the Power series (One, Duo, OS and Box).



“

CREATING CONNECTIONS - SAFELY



» FACADES

The facade is the figurehead of many prefabricated buildings and thus has a decisive influence on their charm. Prefabricated elements in sandwich construction, which consist of a load-bearing layer, a visible facing layer and visible facing layer and a thermal insulation layer in between, are often used for an economical design.

A corrosion-free fastening connects the non-load-bearing facing layer to the load-bearing layer and forms a system of anchors that transmits vertical and horizontal forces to the load-bearing layer.

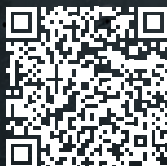
Proven systems are available for connecting the two layers. Those systems are available and meet the highest technical requirements and are therefore approved by German administrations.

DESIGN SOFTWARE FOR PHILIPP SANDWICH ANCHORING SYSTEMS TYPE SPA/MA/FA

PHILIPPGRUPPE



Our software supports you in design and selection of type SPA and type MA/FA composite anchors, i.e. sleeve and flat anchors, for reinforced concrete sandwich elements. The easy-to-understand software allows a quick design of sandwich anchors for slabs up to 40 cm insulation thickness with only a few parameters such as geometry, layer data and load-bearing system. In addition to easy handling and design, the program also offers a simple structure, clear verifications and an interface to the CAD system Strakon.



“

IMPRESSIVE FACADES NEED
LOAD-BEARING FASTENERS!



» FIXATIONS

Fastening solutions are of existential importance for building solutions. Because very often elements have to be fixed directly at prefabricated concrete panels- slabs or beams and this has to be done very fast and simple to avoid mounting costs. Prefabricated fixing points with high load bearing capacity are perfect conditions for fast mounting instead of fixations afterwards by drilling holes and later fixations.

Whether for precast or in-site concrete constructions, profile rails or individual anchorages in various shapes offer a wide range of applications for fastening in concrete.

DESIGN SOFTWARE PHILIPP PB SYSTEM

PHILIPPGRUPPE

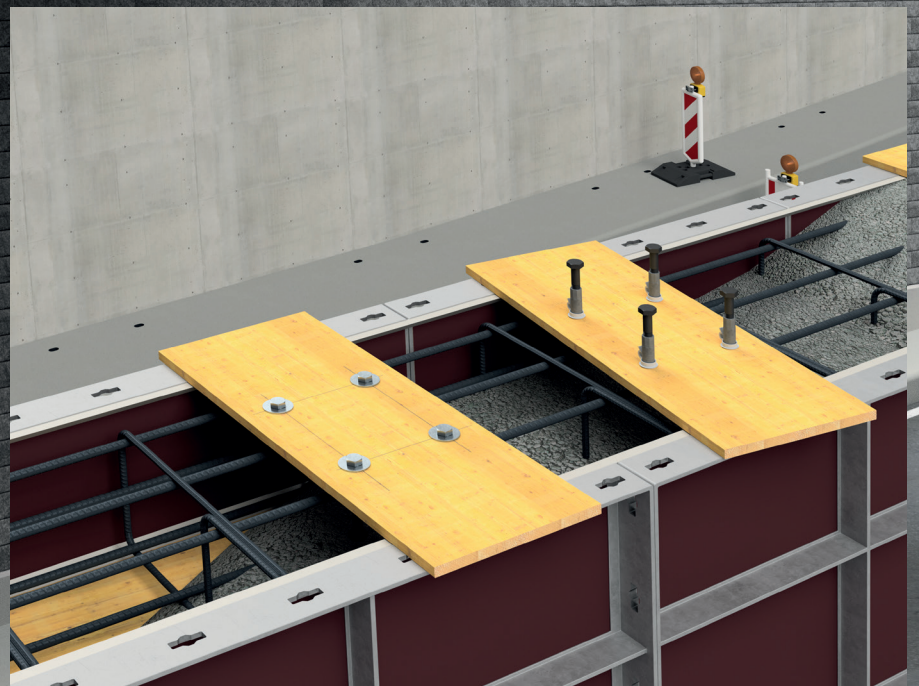
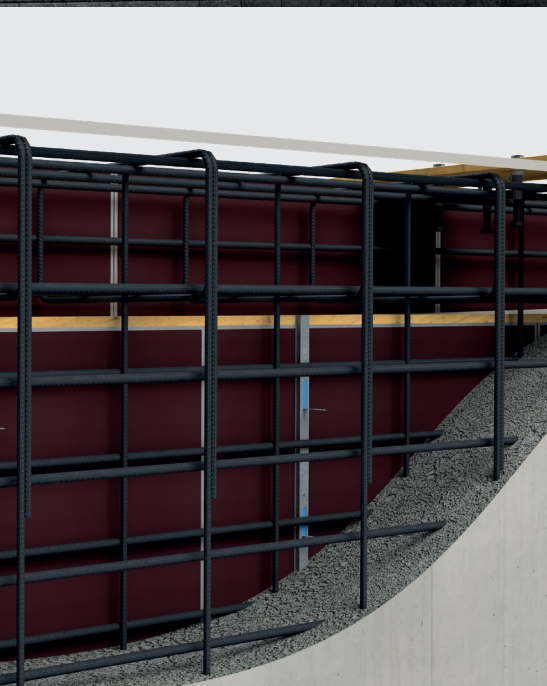


Permanent fixings in concrete using simple anchor bolts with internally threaded sleeves that transfer tensile and shear loads as well as combinations, can be designed easily and quickly with this software based on the current Eurocode 2, Part 4, design.



“

FIXING SOCKETS WITH OUR PROMISE: STRONGER THAN THE CONCRETE



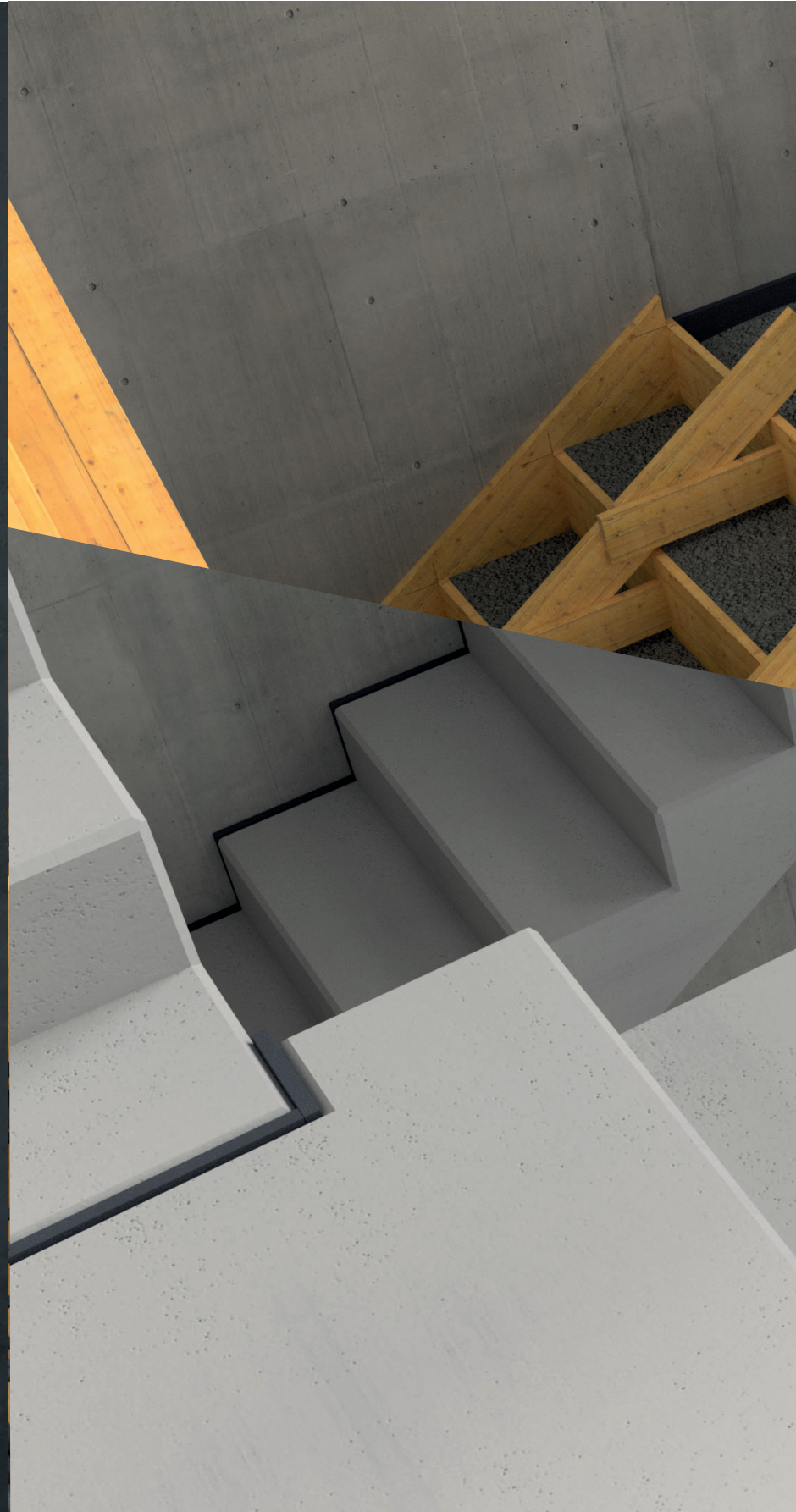
» BEARING SYSTEMS WITH NOISE REDUCTION

Building physics requirements are becoming increasingly important in both precast and in-situ concrete structures. The focus is of course on health protection and increased comfort requirements.

Sound insulation in particular plays a crucial role in reducing unpleasant noise pollution. Beside airborne sound - protected e.g. by sound barrier walls - the foot fall sound is an important issue to be respected in the building physics of a new building.

In order to prevent impact sound transmission from staircases to adjacent walls or ceiling slabs in floors, stair flights and landings must be acoustically decoupled. Suitable decoupling elements can be used in this situations, regardless of whether precast reinforced concrete elements or in-site concrete designs are involved. The secret of sound insulation lies in an overall system in which elastomeric bearings play an important role.

The **PHILIPPGROUP** offers approved and type-tested products that have undergone building acoustics tests in accordance with DIN 7396 and enable compliance with the impact sound insulation requirements of DIN 4109. An expert opinion is also available on the fire behavior of various products.



“

DID YOU HEAR THAT?



» EARTHING/GROUNDING

Earthing technology is always needed, if a defined reference potential or potential equalization has to be assembled. Therefore, in principle, all necessary measures are taken to connect an electrical part to the ground.

Railroad grounding

The railroad is one of the oldest and proven means of passenger and freight transportation. The permanent further development of railroad drive and control technology from mechanical to electrical systems has led to a significant increase in the demands placed on the grounding of railroad systems. Therefore certified, tested and approved products of PHILIPP-Railroad Earthing Technology are used.

The task of grounding bushings and grounding connectors is to protect conductive structures - such as platforms, retaining walls, tunnels, stations, etc. - from damage, tunnel components, stations, steel and concrete poles - to be electrically connected to the railroad line or track. The planner, supported by the consulting assistance of the **PHILIPPGROUP**, the planner can safely select products that ensure proper protection of persons and equipment in the vicinity of the track systems.

The various versions of PHILIPP grounding bushings have been tested in accordance with "DB Guideline 997 02 Overhead line systems, return current routing, railroad grounding and equipotential bonding", approved by the Federal Railway Authority and included in the Deutsche Bahn's list of drawings under "3 Ebs 15.03.19 - 1" ff. The available PHILIPP grounding connectors are manufactured and supplied under the current requirements of the DB drawing regulations "4 Ebs 15.03.17 - 1" ff. We will be happy to advise you!



“

WIDE RANGE OF EARTHING TECHNOLOGY



» SERVICE

TECHNICAL DEPARTMENT

Nowadays, customers rightly expect more from a parts supplier for the precast concrete industry than just the reliable supply of high-quality installation parts at favorable prices. On the contrary, a wide variety of services related to the products complement the range and provide customers with real added value. Even supposedly simple installation parts, such as lifting anchors, require explanations both on the planning side (dimensioning, selection) as well as on the user side (installation and assembly). Our company attaches great importance to support and advice around our product portfolio. Therefore, the technical department is available for individual inquiries at any time and will work out customized solutions together with you - especially in the field of lifting anchors.

SPECIAL VERSIONS

The **PHILIPPGROUP** offers special designs tailored to the needs of our customers. Each special design is developed individually and according to the specific requirements of the application. Highest precision and quality ensure that the expectations of our prospective customers are fully met.

PRACTICAL TRIALS ON SITE

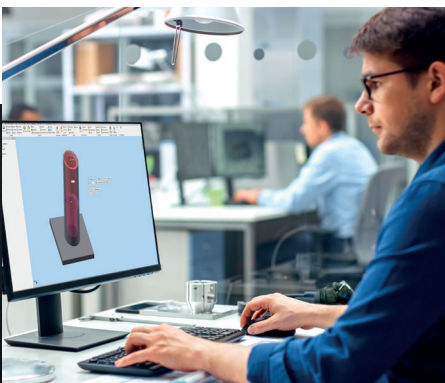
We attach great importance to practical trials on site in the construction industry, in order to achieve the best possible results. This involves testing and optimizing the customer's concepts in a real environment in order to find the best possible solution. The experts of the **PHILIPPGROUP** contribute their expertise and, of course, their experience to all trials. We ensure that your requirements are precisely covered in our design.

PLANNING ASSISTANCE

A wide range of options are available from the **PHILIPPGROUP** as planning aids:

- » Detailed installation and use instructions
- » Stairs and their transport
- » CAD installation parts catalog
- » and much more

All digital aids are available to you as support at any time at www.philipp-gruppe.de.



You want to see all our planning assistancies at glance? Simply scan:



TEAM BUILDING SOLUTIONS

+49 6021 4027-300
 @ tum@philipp-gruppe.de



TRAININGS

With detailed training content and information materials, we are constantly expanding the knowledge and skills of your employees in planning and production. The comprehensive training courses of **PHILIPPAKADÉMIE** are conducted by our experts on-site at the customer's premises, online or via webinars. Find out about our current offer.



Find all our current dates:

PHILIPPAKADÉMIE



GERMAN APPROVAL

We at **PHILIPPGROUP** attach great importance to ensure that your projects comply with the applicable standards and regulations. We often work closely with recognized testing institutes to ensure that the solutions we offer meet the high standards required. In this context, test statics or approvals create the highest level of confidence that you can rely on the quality and safety of the products without restriction.



PHIADUKT

With our Internet-service portal "PHiadukt", we have built a digital bridge between suppliers and end customers. Ordering online and being able to check the status of orders in detail at any time has long been part of everyday life in the private shopping sector, so why not in the B2B sector as well? An early warning system for possible delivery bottlenecks of certain products can save production disruptions and avoidable delays.



Still no access? **REGISTER NOW**

PHiadukt



Our customers trust us to deliver.

We do everything in our power to reward their faith and we start each day intending to do better than the last.

We start each day intending to do better than the last. We provide strength and stability in an ever-changing world. We provide it support.

Welcome to the PHILIPP Group



PHILIPP GmbH

Lilienthalstraße 7-9
63741 Aschaffenburg

+ 49 6021 40 27-0

info@philipp-gruppe.de

PHILIPP GmbH

Roßlauer Straße 70
06869 Coswig/Anhalt

+ 49 34903 6 94-0

info@philipp-gruppe.de

PHILIPP GmbH

Sperberweg 37
41468 Neuss

+ 49 2131 3 59 18-0

info@philipp-gruppe.de

PHILIPP ACON Hydraulik GmbH

Hinter dem grünen Jäger 3
38836 Dardesheim

+ 49 39422 95 68-0

info@philipp-gruppe.de



PHILIPP Vertriebs GmbH

Leogangerstraße 21
5760 Saalfelden / Salzburg

+ 43 6582 7 04 01

info@philipp-gruppe.at



Visit us!

www.philipp-group.de