
Eurotec®
Der Spezialist für Befestigungstechnik
BAU MUNICH
11–15 JANUARY 2027
HALL C6 | STAND 409
www.eurotec.team

Eurotec®

Der Spezialist für Befestigungstechnik

Eurotec is a medium-sized company founded in 1999 that specialises in the development, manufacture and distribution of products for the modern construction sector. We focus on timber construction, cross-laminated timber (CLT), solar mounting systems and decking. We supply specialist distributors around the world, who in turn serve professional users.



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DO YOU HAVE ANY QUESTIONS OR NEED FURTHER INFORMATION MATERIALS?

Scan the **QR code** and we will get back to you promptly with the information you need.

LISTEN. GUESS. WIN![1)]

GUESS THE SOUND LEVEL OF THE SOUND INSULATION BOX IN dB!

SCAN NOW, SUBMIT YOUR GUESS AND WIN!



1ST PRIZE

STAND-UP PADDLEBOARD



2ND PRIZE

€100 GS-WORKFASHION VOUCHER

Plus a GS-Workfashion T-shirt in XL, cap, belt-mounted bottle holder



3RD PRIZE

EUROTEC FAN PACKAGE

Eurotec backpack, screw clamp, work gloves FlexFit (M), folding utility knife, carpenter's hammer, spirit level, tape measure, carpenter's pencil, folding rule



1) **Promotion valid only during the trade fair:** 11/01/2027–15/01/2027. Product images may differ from the actual products.

WHY EUROTEC IS THE RIGHT PARTNER FOR YOU

DELIVERING WHEN IT MATTERS

Clear processes and **fast, smooth order handling** ensure maximum planning reliability.

PRACTICAL SOLUTIONS THAT SAVE TIME

Carefully selected products and **installation-friendly systems reduce** the **workload** on site.

A PARTNERSHIP ON EQUAL TERMS

Personal advice and technical support for a **long-term, successful partnership**.

TECHNICAL EXPERTISE THAT SUPPORTS YOU

Comprehensive service through structural calculations, design tools and expert application advice.

MANUFACTURED IN GERMANY

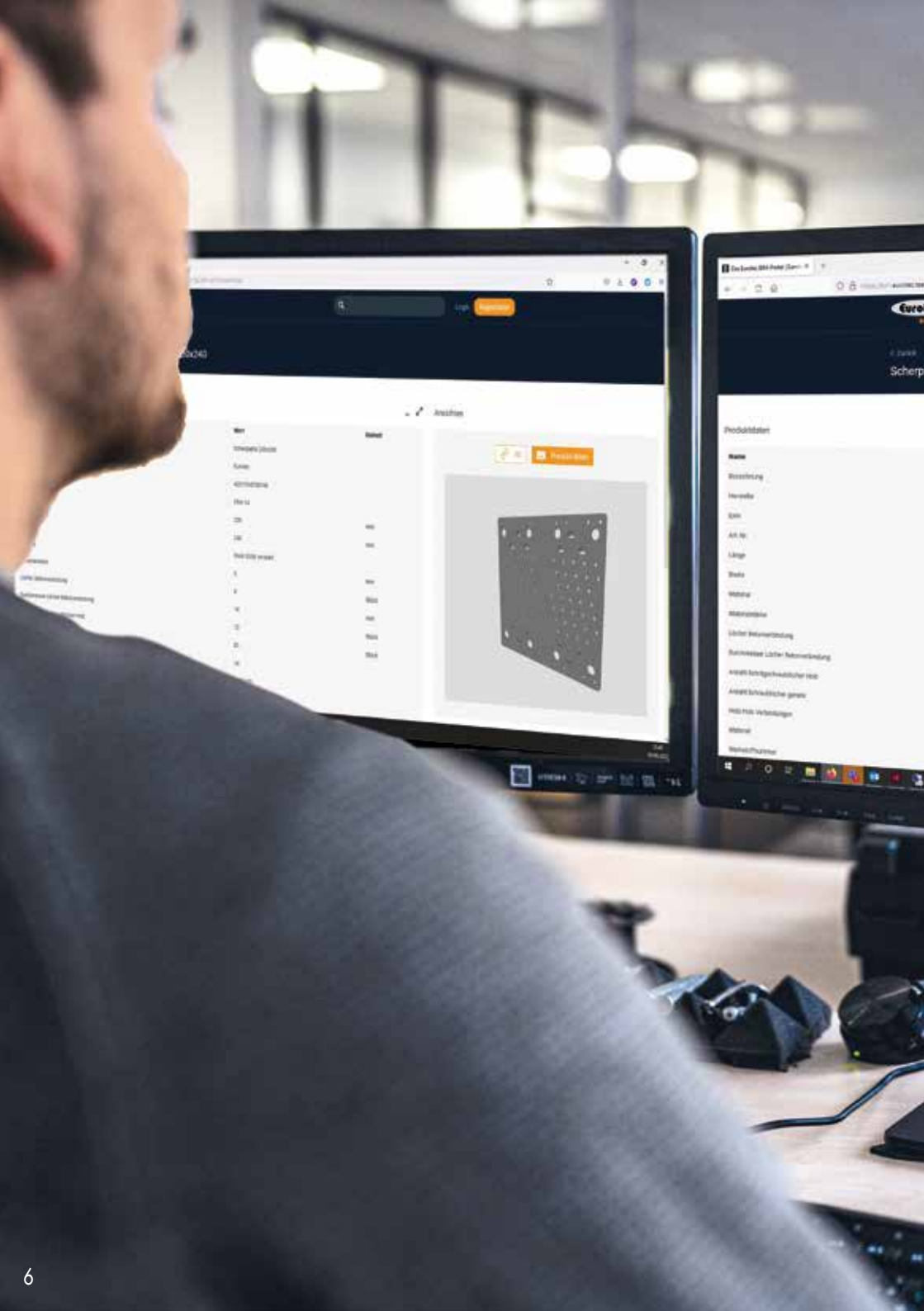
In-house screw production at our Hagen site for maximum delivery reliability, **consistent quality** and full control.

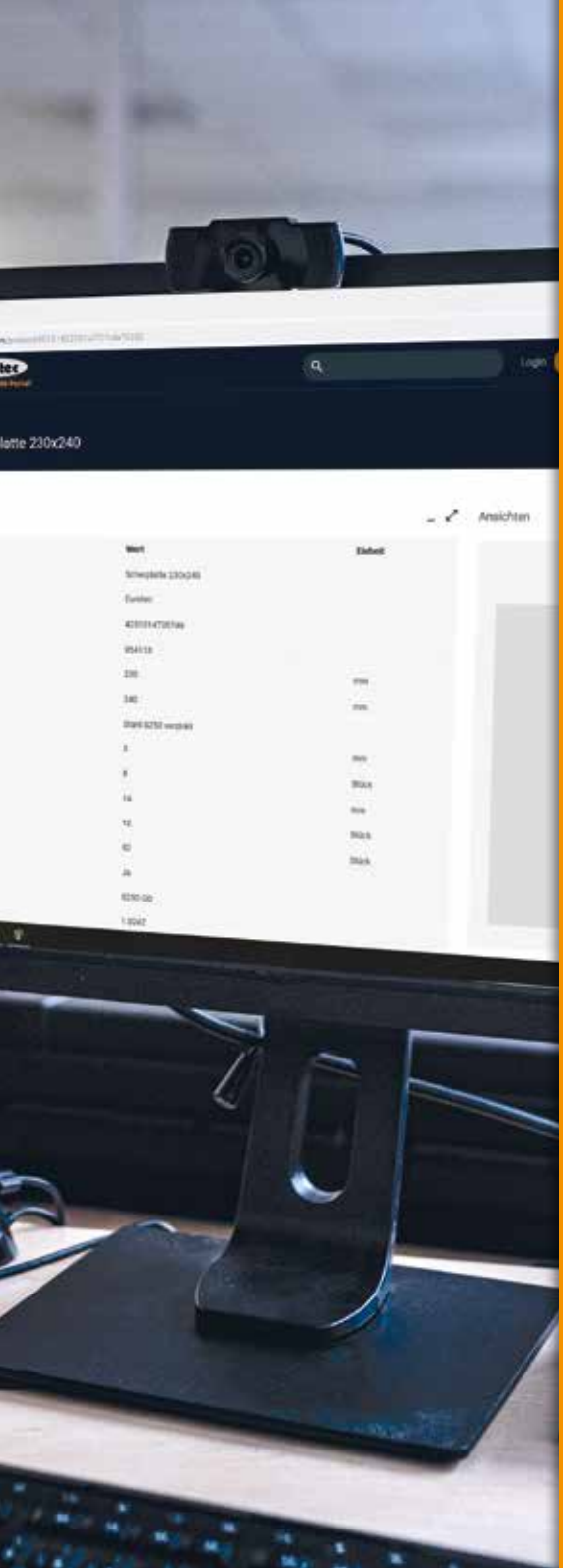
CERTIFIED QUALITY YOU CAN RELY ON

Maximum reliability, certified safety and **durable products** for professional applications.

INNOVATION IN MODERN TIMBER CONSTRUCTION

Continuous development of sustainable and **efficient fastening solutions** for the industry's future.





OUR EUROTEC
BIM PORTAL
ALL DATA AT A GLANCE!

THE EUROTEC BIM PORTAL FOR YOUR CONSTRUCTION PLANNING

Building Information Modelling is essential in modern design workflows. Our user-friendly platform provides product information as **BIM-ready data** for your building project.

Available file formats include 3D/CAD objects, DWG files and PDFs, as well as details of our **ETA certifications.**

START PLANNING NOW
bim.eurotec.team

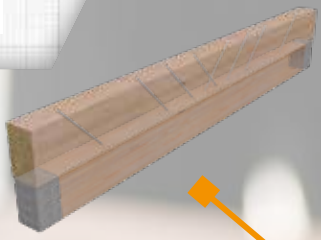
DISCOVER OUR
ECS SOFTWARE MODULES

Our ECS structural design software has been comprehensively revised and enhanced, with particular emphasis on integrating modules for timber construction. The aim is to provide users with effective tools for fast, verifiable preliminary design of standard connections.

For more information about ECS software, simply scan the QR code.



SIDE
PLATE CONNECTION



BEAM REINFORCEMENT



BEARING REINFORCEMENT

TRANSVERSE CONNECTION



TIMBER-CONCRETE COMPOSITE



PARALLEL CONNECTION



MAIN-TO-SECONDARY BEAM CONNECTION

www.eurotec.team/en/service

SCREW FOUNDATIONS

Ground screws are hot-dip galvanised S355 steel foundations driven directly into the ground with controlled torque, without excavation or concrete. They can support loads immediately, can be removed and are suitable for both temporary and permanent structures.

With different diameters and lengths (60, 76, 89 and 114 series), they can be adapted to varying ground conditions and imposed and wind loads. The anti-corrosion coating in accordance with DIN EN ISO 1461 ensures a long service life outdoors.

ADVANTAGES

LESS WORK

Ground screws are installed without concrete or earthworks. This saves time and money and allows clean installation with immediate load-bearing capacity.

HIGH LOAD CAPACITY

Despite fast installation, groundscrews offer high stability and load capacity. They are suitable for a wide range of applications, from fences to load-bearing structures.

FLEXIBLE USE

The foundations are versatile and can be removed without leaving residues if required. Ideal for temporary or permanent projects requiring maximum flexibility.

SUSTAINABILITY

No concrete, no soil sealing, and reusable: ground screws conserve resources and protect the environment. A sustainable alternative to conventional foundations.

MORE **INFORMATION** CAN BE FOUND IN OUR **CATALOGUE "SCREW FOUNDATIONS"**

DISCOVER OUR **DESIGN CALCULATION FORMS**

SCREW FOUNDATIONS
60 SERIES



SCREW FOUNDATIONS
76 SERIES



SCREW FOUNDATIONS
89 SERIES



SCREW FOUNDATIONS
114 SERIES



ACCESSORIES

SCREW-IN ROD



GROUND DRIVER



SOCKET ADAPTER



L ADAPTER BASIC

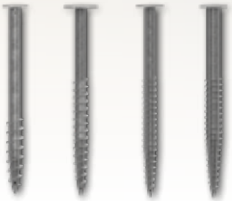


U POST HOLDER



71 mm *91 mm* *101 mm*

SCREW FOUNDATIONS



POWERRING AND POWERBLOCK

The Powerblock transport anchor is a high-performance lifting device specially designed for handling and transporting CLT panels and glued laminated timber elements. With a load capacity of up to 6.3 tonnes per lifting point, the Powerblock offers maximum safety and efficiency across a wide range of lifting operations. Its versatile installation options allow it to adapt flexibly to your requirements. For example, it can be fitted to the narrow edges of CLT walls, the broad face of CLT panels or the tops of beams. This makes the Powerblock a reliable tool for safe, economical and rapid assembly of timber structures.



FOR REPEATED USE[a]

MATCHING SCREWS

KONSTRUX



ANGLE BRACKET SCREW



[a] The screws may only be used once.

The Powerring transport anchor is a high-performance lifting device specially designed for handling and transporting CLT panels and glued laminated timber elements. With a load capacity of up to 6.3 tonnes per lifting point, the Powerring offers maximum safety and efficiency across a wide range of lifting operations. Its versatile installation options allow it to adapt flexibly to your requirements. For example, it can be attached to the broad face of CLT panels or the tops of beams. This makes the Powerring a reliable tool for safe, economical and rapid assembly of timber structures.



FOR REPEATED USE[a]

[a] The screws may only be used once.


Eurotec

EISYS ALUMINIUM FAÇADE/ADJUSTING SCREW

Our EiSYS aluminium screw is used for suspended façades attached to aluminium substructures. Our EiSYS dowels makes it quick and easy to secure the screw to building walls.



APPLICATIONS

- For use with suspended façades
- For ventilated façades where the external wall is clad with timber boarding, fibre-cement panels or other façade elements

FEATURES / ADVANTAGES

- The screw is fixed to the external wall using a wall plug
- The freely rotating threaded sleeve at the screw head allows the façade substructure to be aligned parallel to the building wall
- Reduced costs and shorter installation times
- Even at greater distances from the building wall, high loads can be transferred through the timber-frame screw connection
- Design freedom for the façade is maintained

COMPATIBLE WITH



EiSYS dowels



EiSYS-AP insertion tool

EISYS-H TIMBER FAÇADE/ADJUSTING SCREW

This screw is used for façade fastening. Insulation thicknesses from 60 to 300 mm can be accommodated easily with the Eurotec EiSYS-H screw.

The EiSYS-H screw made of A4 stainless steel has a freely rotating adjustment sleeve/head that allows the distance between masonry and the substructure to be adjusted. A hexagonal bit is supplied as an accessory. This is used both to drive the screw into the substrate and to adjust the substructure via the adjustment head.



ADVANTAGES

- Can be fixed to a wide range of substrates
- Austenitic stainless steels have much lower thermal conductivity than conventional steel/ aluminium
- The distance between the counter-batten and the anchoring substrate can be adjusted using the adjustment sleeve easily using the adjustment sleeve
- Suitable for new builds, repairs and renovation projects
- Various façade claddings possible
- User-friendly, straightforward and time-saving installation

COMPATIBLE WITH



EiSYS dowels



EiSYS-H insertion tool

EISYS-2 FAÇADE/ADJUSTING SCREW

The EiSYS-2 façade/adjustment screw is an adjustable screw for fastening the supporting structure of ventilated façades. The screw is driven into the base structure, e.g. timber stud framing, sand-lime brick, hollow-core brick, concrete, masonry or aerated concrete. The freely rotating second thread at the head allows the distance between the anchoring substrate and the counter-batten to be adjusted. Insulation thicknesses from 60 to 280 mm can be accommodated with ease. Suitable for soft and compression-resistant insulation, for example external thermal insulation composite systems with exterior render, or ventilated structures with larch battens or slate façade cladding.



ADVANTAGES

- Suitable for new builds, repairs and renovation projects
- Suitable for different insulation thicknesses
- Reduced costs and shorter installation times
- The distance between the counter-batten and the anchoring substrate can be adjusted easily using the adjustment sleeve
- User-friendly – straightforward, time-saving installation
- Various façade claddings possible
- Few components

COMPATIBLE WITH



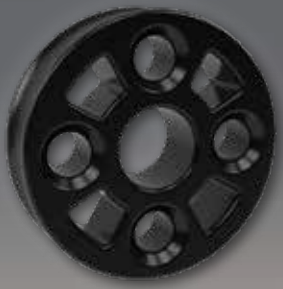
Dowel



EiSYS-2 bit

3D FAÇADE SPACER

The Eurotec 3D façade spacer uses an innovative separation of individual components to minimise weathering. This significantly extends the service life of the façade. The 3D façade spacer is attached to the façade board and then screwed together with the board to the substructure. Air circulating between the substructure and the façade ensures optimum ventilation. Its special geometry also allows water, for example condensation, to drain away efficiently. The spacer has four screw holes that can be used as required to attach it to the façade.



FAÇADE CLIP

For hidden fastening of façade timber.



ADVANTAGES

- For façade timber profiles with a height of 57–95 mm
- Air circulation between the substructure and façade ensures optimum ventilation
- The exposed surface of the façade timber remains undamaged
- Efficient, easy installation



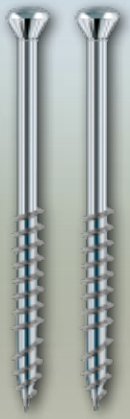
Mounting screw



Fixing screw

DECKING AND FAÇADE SCREWS FOR HARDWOOD

Hapatec screws are designed for visible fastening of decking and façade boards to substructures. They are particularly suitable for hardwoods, as their special geometry reduces driving torque. The Eurotec Hapatec decking screw is available in various versions, including a handy screw bucket.



HAPATEC HELI, A2 STAINLESS STEEL | A4 STAINLESS STEEL

- Special screw geometry reduces driving torque
- This reduces the risk of the screw breaking in the relatively soft A2/A4 stainless steel
- TX drive ensures smooth screwdriving without hammering



HAPATEC | HAPATEC ANTIQUE | HAPATEC BLACK

- Milling ribs facilitate countersinking in all types of wood
- The special screw geometry reduces the risk of wood splitting
- Pre-drilling is strongly recommended, particularly for hardwood used in decking and façade construction!
- Corrosion-resistant up to and including service class 3 – "structures exposed to the weather" according to DIN EN 1995 (Eurocode 5)
- National and international approvals
- TX drive ensures smooth screwdriving without hammering

Eurotec

PROFI-LINE ADJUSTABLE PEDESTALS

SUITABLE FOR **WOOD AND STONE DECKING**

PROFI-Line adjustable pedestals are suitable for timber and stone decks with a range of installation heights. Eurotec's pedestal range offers you a modular system: innovative, universal, flexible and user-friendly!

The pedestals are available in various heights, which can be increased using extension rings.


PRO XXS


PRO XS


PRO S


PRO M


PRO L


PRO XL

FEATURES / ADVANTAGES

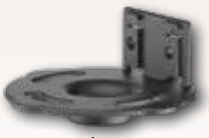
- Installation heights from 10–168 mm
- Load capacity of up to 8.0 kN/pedestal
- Can be combined with different adapters and extension rings
- Quick and easy installation
- Infinitely variable height adjustment

THE ADJUSTABLE PEDESTALRANGE IS COMPLETED BY THREE DIFFERENT ADAPTER TYPES:

L ADAPTER
For conventional timber substructures or modern aluminium substructures

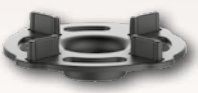
CLICK ADAPTER
For quick and easy clip-in installation of Eurotec aluminium profiles

STONE ADAPTER
For laying stone slabs


L adapter


Click adapter 40


Click adapter 60


Stone adapter

The stated load-bearing capacities are recommended values. At these loads, the adjustable pedestals deform by only approx. 2 mm. Their actual breaking load is many times higher.

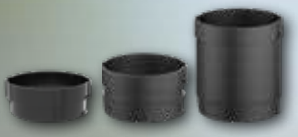
ADDITIONAL ACCESSORIES FOR THE PROFI-LINE ADJUSTABLE PEDESTALS:



Nivello 2.0

NIVELLO 2.0

· Not compatible with PRO XS and PRO XXS adjustable pedestals



Extension rings +2 /+4 /+10

EXTENSION RINGS

· For increasing the height of PRO and SL PRO adjustable pedestals
· Available in heights of 40 and 100 mm



Extension plate XXS

EXTENSION PLATE

· The XXS extension plate has an installationheight of 5 mm

ACCESSORIES FOR LAYING STONE SLABS

Modern slab supports and special adjustable pedestals now make it easy to lay paving slabs without mortar. The different support heights of the slab supports and adjustable pedestals enable variations in the substrate level to be corrected easily and unsightly drains and drainage systems to be concealed.

This creates a level surface with minimal effort. Surface water can drain quickly and easily through the joints. The gear wheels in the Quattro support allow the height to be adjusted to the nearest millimetre, ensuring a level stone surface.

EPDM SLAB SUPPORT

ADVANTAGES

- Secure, non-slip support
- Up to three units can be stacked
- Reduces impact sound
- Suitable for low installation heights
- Surface water can drain quickly and easily through the joints.





Application example: EPDM slab support

PP SLAB SUPPORT

ADVANTAGES

- Good UV stability
- Very good chemical resistance
- Surface water can drain quickly and easily through the joints.
- Up to three units can be stacked





Application example: PP slab support

IMPACT SOUND INSULATION PAD

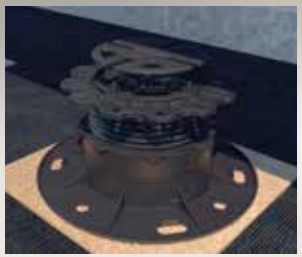
The Eurotec impact sound insulation pad Ø 90 compensates for differences in slab height and reduces impact sound when supporting stone or ceramic slabs. The Ø 90 pad can be divided into up to four sections.

ADVANTAGES

- Versatile use
- Can be cut to size
- Ageing-resistant
- UV-resistant
- Ozone-resistant
- Permanently elastic and dimensionally stable



COMPATIBLE WITH



PRO adjustable pedestal with impact sound insulation pad



Flex Stone Clip with impact sound insulation pad



Stone Edge Clip with impact sound insulation pad



DISCOVER OUR
"DECK AND GARDEN"
CATALOGUE

DECKING

QUATTRO SUPPORT

FEATURES

- Four different support heights thanks to individually adjustable gear wheels.
- Support heights: 35–55 mm
- Joint spacer: 6 mm
- Height can be increased by placing the adapter for the Quattro support underneath.
- Divisible



PAVING SLAB LIFTER

ADVANTAGES

- Makes lifting and laying paving slabs quicker and easier.
- Also suitable for lifting previously laid slabs.



ADAPTER FOR QUATTRO SUPPORT

FEATURES

- Support height: 20 mm
- Divisible
- Stackable





Application example: Quattro support

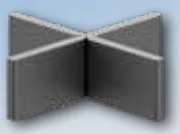


Application example: PP slab support

PAVING SLAB JOINT SPACER

ADVANTAGES

- Uniform joint pattern
- Optimum water drainage
- Prevents paving slabs from rubbing against each other and thus protects the slab edges from damage
- Pre-perforated break-off points, suitable for T-joints and cross joints
- Durable
- Resistant to acids, alkalis and other chemicals



15 x 53 x 3 mm



30 x 53 x 5 mm

PAVING SLAB JOINT SPACER WITH BASE PLATE

ADVANTAGES

- Large base plate prevents the spacers from sinking into the gravel bed
- Uniform joint pattern
- Optimum water drainage
- Prevents paving slabs from rubbing against each other and thus protects the slab edges from damage
- Pre-perforated break-off points, suitable for T-joints and cross joints
- Durable
- Resistant to acids, alkalis and other chemicals



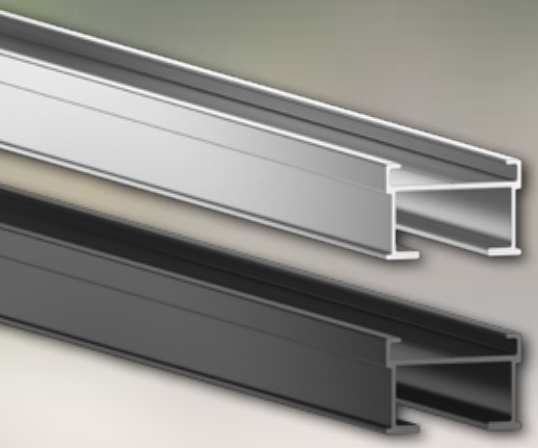


Application example: paving slab joint spacers

EVO ALUMINIUM SYSTEM PROFILE

The EVO aluminium system profile is the all-rounder in our aluminium profile range. It can be used with a wide range of timber species and stone decking surfaces. Its optimised profile cross-section offers numerous fastening options and allows long spans.

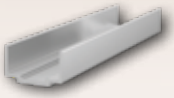
SUITABLE FOR **WOOD AND STONE DECKING**



ADVANTAGES

- Compatible with our PRO adjustable pedestals with L or Click adapters and the BASE-Line pedestal range
- Universally suitable for direct/visible fastening systems as well as indirect/concealed fastening systems
- The special profile geometry reduces the risk of fastening screws shearing off due to swelling and shrinkage of decking boards
- Quick, easy installation with high load capacity
- Dimensionally stable, straight, load-bearing and twist-resistant
- Supports constructive wood protection with low dead weight

COMPATIBLE WITH



EVO aluminium system profile connector



EVO corner connector



Twin system clip



WITH WATER DRAINAGE HOLE
to prevent odours and moss growth.

EVO SLIM ALUMINIUM SYSTEM PROFILE

The EVO Slim aluminium system profile is an aluminium substructure for decks with an exceptionally low installation height. It offers several significant advantages over conventional timber decking substructures.

SUITABLE FOR **WOOD AND STONE DECKING**



ADVANTAGES

- Compatible with our PRO adjustable pedestals with Click adapter
- For direct support on a load-bearing substrate
- Universally suitable for direct/visible fastening systems as well as indirect/concealed fastening systems
- The special profile geometry reduces the risk of fastening screws shearing off due to swelling and shrinkage of decking boards
- Quick and easy installation
- Dimensionally stable, straight and resistant to twisting
- Supports constructive wood protection
- Low dead weight

COMPATIBLE WITH



EVO Slim aluminium system profile connector



Eveco corner connector



Twin system clip



DECKING

HKP DECK SUPPORT SYSTEM

The deck support system is an aluminium substructure that, depending on the required imposed load, permits spans of up to 3 m. The system can be adapted flexibly to a wide range of requirements. It is mainly used for decks close to the ground, where only a few support points are needed. Raised decks, load-bearing balconies and cantilevered decks close to the ground are also possible applications. The deck support system consists of two components joined to form a load-bearing, enclosed system.



ADVANTAGES

- Compatible with our PRO adjustable pedestals with L or Click adapters
- High load capacity and long spans
- High dimensional stability and flatness
- Low weight and reduced material use
- High flexibility and durability
- Attractive appearance, clean enclosed system

COMPATIBLE WITH



HKP support-profile connector



HKP fascia profile



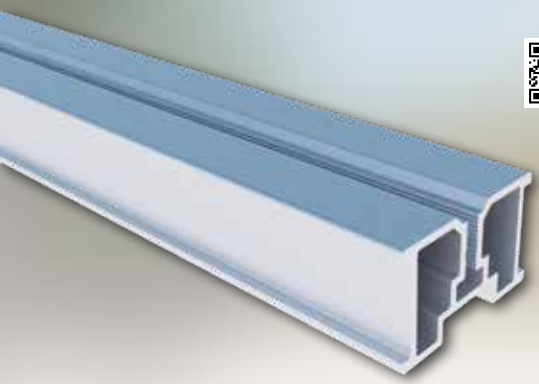
Twin system clip

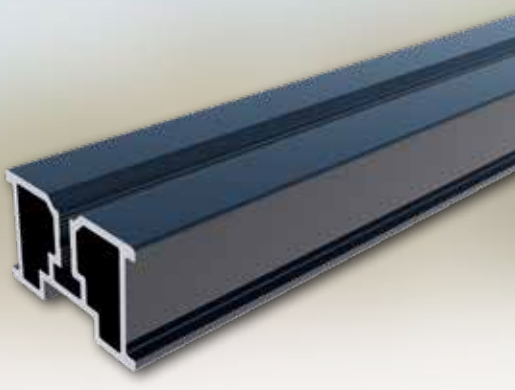


TERRA ALUMINIUM SYSTEM PROFILE

The Eurotec TERRA aluminium system profiles form a modular system for building aluminium decking substructures. The modular system includes everything required for deck construction and can be used together with our PROFI-Line and BASE-Line adjustable pedestals.

TERRA system profiles serve as aluminium substructure profiles for decking. In addition to the various profile designs, the modular system includes angle brackets, profile connectors and flexible joints for installation at 90° and 180° rotation angles. The modular system thus enables the construction of a stable, long-lasting decking substructure.





COMPATIBLE WITH



H85 fascia profile



H15 concrete connector



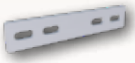
Low-profile angle bracket



Edge support



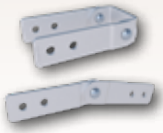
Edge finish, individual support



Profile connector Decking edge set



H15 profile connector



90°/180° joint



Centre support

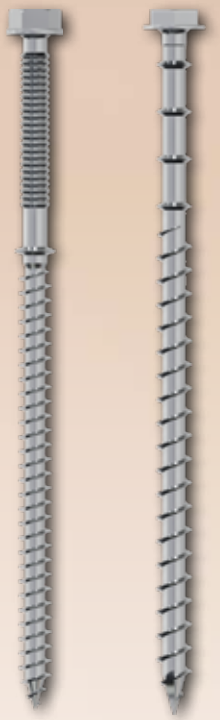


Multi-purpose angle bracket

WOOD–CONCRETE COMPOSITE SYSTEM

WOOD–CONCRETE COMPOSITE SCREW

Timber–concrete composite screws are used to strengthen floor structures in new buildings and refurbishment projects.
Eurotec offers specialist solutions for wood–concrete composite structures: TCC-II 7.3 and TCC-II 9, in accordance with ETA-16/0864.
Our free ECS design software is available for preliminary structural design.



TCC-II 7,3 *TCC-II 9*

ADVANTAGES

- Increased load capacity
- Increased stiffness
- Improved sound insulation
- Increased fire resistance
- Existing beams can be retained
- Existing formwork can be retained

Europ. Techn. Bewertung
European Technical Assessment
ETA-16/0864

DISCOVER OUR **"TIMBER–CONCRETE COMPOSITE STRUCTURE" INQUIRY FORM**

TCC MAX

TCC MAX is an innovative connector designed to achieve composite action between timber and concrete in a structural element such as a beam or slab. This technique uses the strengths of both materials: concrete in compression and timber in tension. TCC MAX consists of a steel cylinder fastened to the timber component using six 6.5 x 100 mm KonstruX fully threaded screws, and an M14 x 100 mm bolt positioned above the anchorage in the concrete component. The screws provide withdrawal resistance and high initial stiffness. The upper bolt and cylindrical element contribute to load capacity.



Wood–concrete composite (TCC) elements are ideal for new projects with large structural grids that also require slender floor slabs. TCC elements can also be used in existing timber buildings where timber beams need strengthening, or where a change of use requires greater strength and stiffness.

ADVANTAGES

· High initial stiffness
· Ductile failure mode ensured
· Only a few connectors required
· Improved sound insulation thanks to the concrete layer
· Improved fire resistance thanks to the concrete layer

ETA-16/0864

WOOD–CONCRETE COMPOSITE SYSTEM

CONNECTO

Connecto is an innovative concealed timber-to-timber connector with high load capacity for beam-to-beam and beam-to-column joints. The connectors are made of AW 6063-T66 aluminium alloy with enhanced mechanical properties. Connecto connectors are suitable for service classes 1 and 2. Screws are included.



ADVANTAGES

CONCEALED CONNECTION

Can be installed completely out of sight by routing recesses into beams or columns, creating an attractive appearance.

QUICK AND EASY PREFABRICATION

The connectors can be fully installed during prefabrication or simply fitted on site, significantly speeding up assembly.

USE IN TEMPORARY STRUCTURES

The connection can be dismantled easily byunhooking the two plates, making transport straightforward.

SUITABLE FOR A WIDE RANGE OF TIMBER CROSS-SECTIONS

The wide range of sizes enables applications from at least 80 × 160 mm to 140 × 280 mm.

VERY HIGH LOAD CAPACITY

Using 5.2 × 120 mm KonstruX fully threaded screws, vertical load capacities of up to 129.2 kN are achieved.

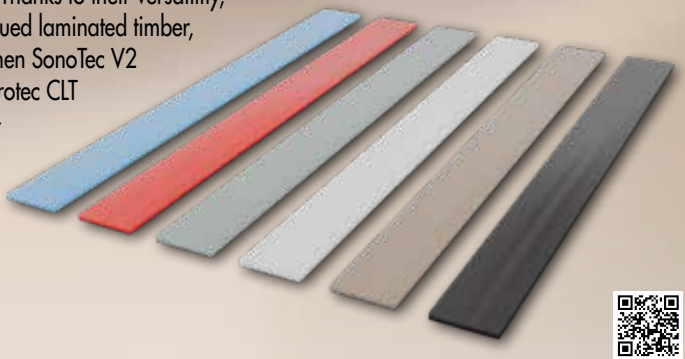
ETA-15/0761


Eurotec

SOUND INSULATION

SONOTEC V2

SonoTec V2 continuous bearing strips effectively reduce flanking sound transmission. Available in six variants with hardness values of up to 58 Shore A, these strips can even be used in multi-storey timber construction and have been shown in real-world tests to achieve an airborne sound insulation improvement R'W of up to 7 dB. Thanks to their versatility, they are suitable for CLT, glued laminated timber, LVL, steel and concrete. When SonoTec V2 bearing strips are used, Eurotec CLT angle brackets need no additional acoustic isolation (verified by testing).



WHY SONOTEC V2?

RELIABLE DESIGN DATA

- No complicated, inaccurate calculations
- Predictable 6–7 dB reduction
- Tested under practical conditions with the University of Innsbruck; tester: Prof. Dipl.-Ing. Dr. Anton Kraler

OPTIMUM MATERIAL

- Thermoplastic polymer
- Waterproof, airtight, tested for pollutants, environmentally friendly and durable

SOFT MATERIAL

- Low sound velocity → greater reduction

TESTED UNDER PRACTICAL CONDITIONSAND COST-EFFECTIVE

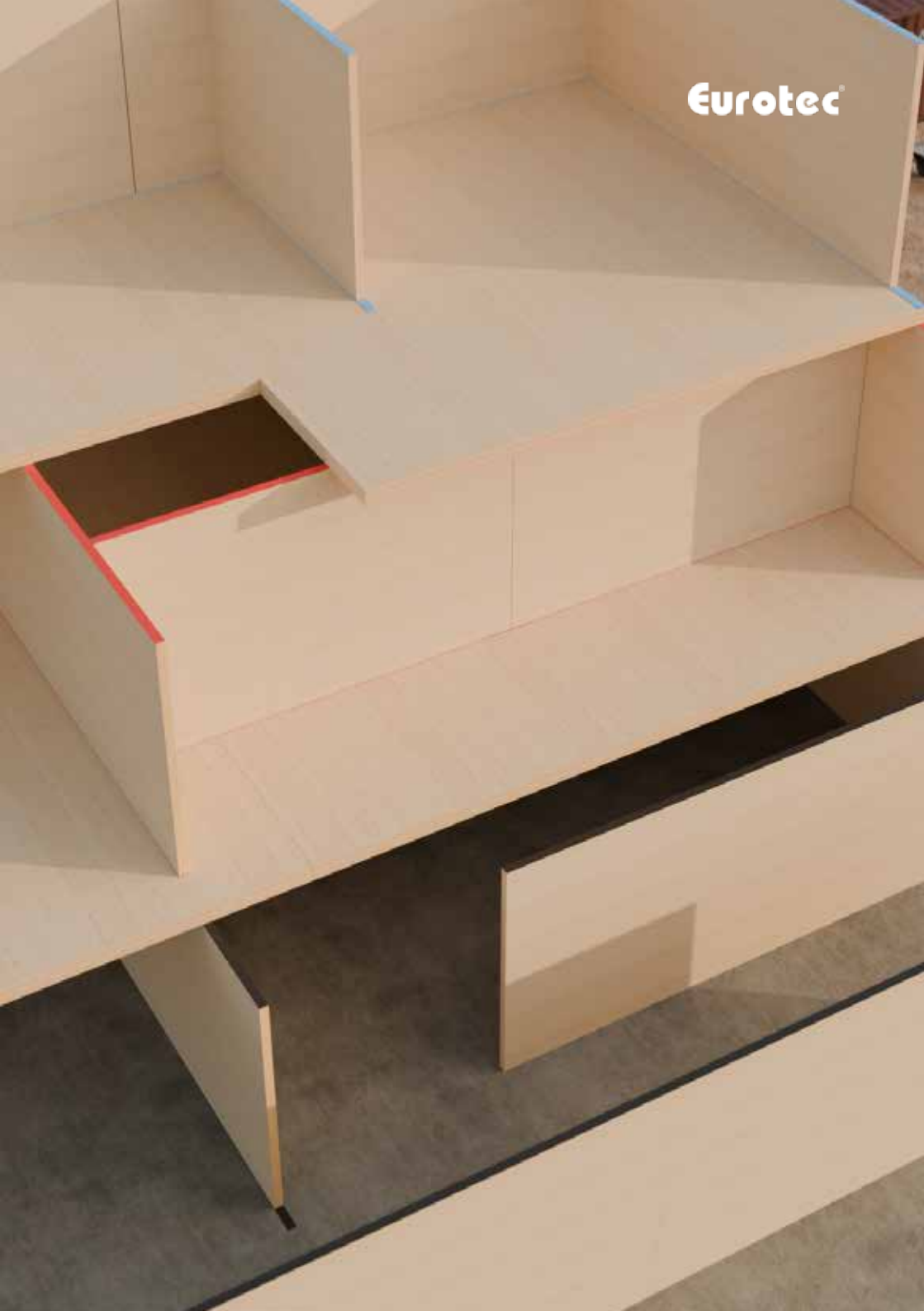
- No artificially inflated lab results
- No additional acoustic isolation of the angle brackets required

WHY 10 MM RATHER THAN 6 MM OR 12.5 MM?

- More material = better acoustic isolation; anything above 10 mm compromises the structural stability of the building (MVV TB 2025/1, p. 151)

MORE **INFORMATION** CAN BE OUR **SOUND INSULATION BROCHURE**

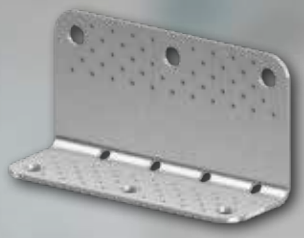
DISCOVER OUR **"SONOTEC V2" DESIGN CALCULATION FORM**


Eurotec

WALL AND FLOOR SYSTEMS

CLT SYSTEM ANGLE

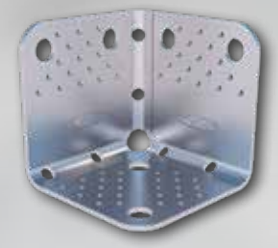
The Eurotec CLT system angle bracket is ideal for solid timber construction, specifically cross-laminated timber (CLT). Its robust construction allows high load transfer and complex joints. For this purpose, the CLT system angle bracket can be combined with our IdeeFix connector.



CLT INSIDE CORNER

The Eurotec CLT internal system corner connector is specially designed to transfer shear forces in cross-laminated timber (CLT) construction.

Depending on the application, the connector can be combined with additional internal system corner connectors to reinforce the timber structure. The CLT internal system corner connector is compatible with our IdeeFix timber connector.



HH FLAT SHEAR ANGLE BRACKET

The HH flat shear angle bracket (timber-to-timber) was developed specifically for modern timber construction to resist shear forces. Its low height makes it ideal for timber-frame construction.



SHEARING ANGLE

The shear angle bracket is a bracket specifically developed to resist shear forces in modern timber construction.

Thanks to various holes for anchoring in timber and concrete, it is used in both timber-frame and solid timber construction.



RIBBED ANGLE BRACKET

The ribbed angle bracket can be used to fasten squared timber to masonry, concrete and similar substrates, as well as for timber-to-timber connections. The reinforcing rib provides excellent stability, making the connector particularly suitable for joints that must transfer high forces.



CLT BRACKET

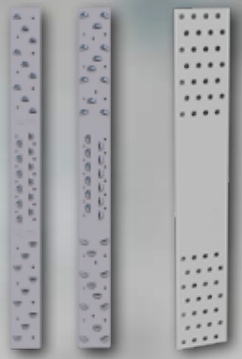
The ribbed angle bracket can be used to fasten squared timber to masonry, concrete and similar substrates, as well as for timber-to-timber connections. The reinforcing rib provides excellent stability, making the connector particularly suitable for joints that must transfer high forces.



HH 60, HH 70 AND HIGHLOAD TENSION STRAP

Eurotec offers several versions of its tension brackets, enabling timber-to-timber, timber-to-concrete and steel-to-timber connections.

Special holes for screws driven at 45° make these tension brackets particularly effective and distinctive.



HH60 HH70 Highload

SHEARING PLATE

The shear plate is a plate connector specifically developed for modern timber construction to transfer shear forces. With various holes for anchoring in timber and concrete, it can be used in both timber-frame and solid timber construction.



PERFORATED PLATES AND PERFORATED STRIPS

The HH flat shear angle bracket (timber-to-timber) was developed specifically for modern timber construction to resist shear forces. Its low height makes it ideal for timber-frame construction.



TENSION ROD

Tension anchors 340/440/540/620 are sheet-steel components specially designed to transfer tensile forces in timber-frame construction. They enable quick and easy anchoring of timber elements at their base to timber, steel or concrete substrates. The tension anchors are particularly robust and can withstand high loads.



SIMPLY TIE-BAR

The Simply tension anchor enables simple, fast timber-to-timber, timber-to-concrete, timber-to-steel and timber-to-masonry connections. It is especially robust and withstands extremely high loads.

One leg of the Simply tension anchor has nail holes, while the other has bolt holes, including an elongated hole.



MORE **INFORMATION**
CAN BE FOUND IN
OUR **"CLT" CATALOGUE**

POSTS

STRUCTUS

Eurotec Structus load-transfer connectors provide an effective solution for point-supported floor systems in buildings of all sizes, from detached houses to high-rises. These innovative connectors for multi-storey CLT buildings seamlessly join columns between floor slabs.

The 30-degree holes in the base and top plates guide the screws at an angle, ensuring optimum load transfer in all directions.



ADVANTAGES / FEATURES

· Point-supported floor system possible
· Optimum load transfer to columns
· Saves labour and materials



STRUCTUS BASE

Eurotec Structus Base is designed for connecting structural components designed and manufactured in accordance with EN 1995-1-1:2025.

Structus Base is the result of the further development of Structus connectors and enables the construction of multi-storey timber buildings. Angled KonstruX screws in the head plate ensure optimum load transfer in all directions.



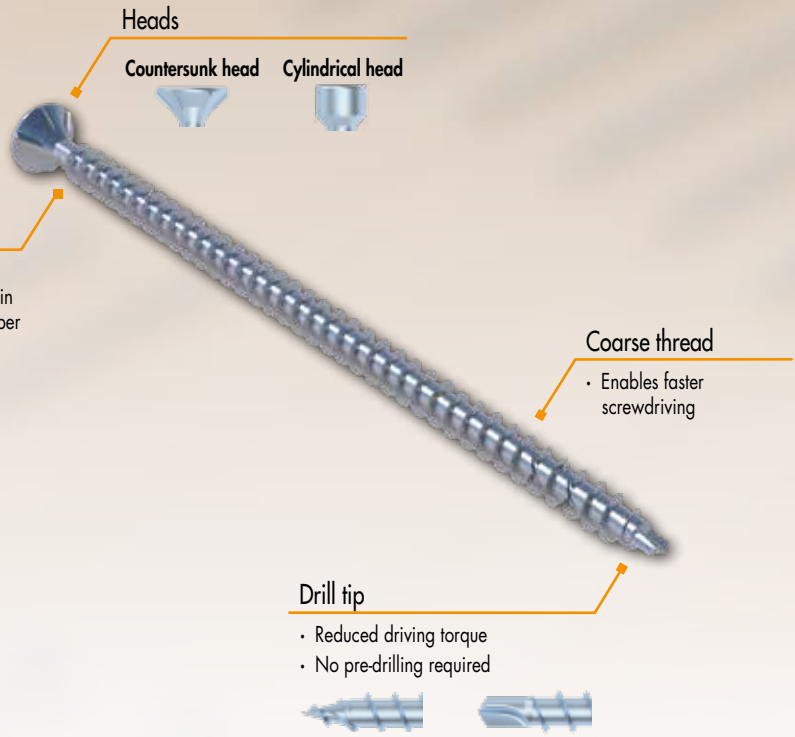
ADVANTAGES / FEATURES

· High load capacity
· Quick on-site installation saves time
· Service classes 1 and 2



KONSTRUX FULLY THREADED SCREW

KonstruX fully threaded screws maximise connection load capacity thanks to high thread withdrawal resistance in both components. With partially threaded screws, the much lower head pull-through resistance in the attached component limits the load-bearing capacity of the connection.
KonstruX fully threaded screws are a cost-effective alternative to traditional joints or timber connectors such as joist hangers and beam supports.



KONSTRUX FULLY THREADED SCREW

A4 STAINLESS STEEL

KonstruX ST A4 fully threaded screws maximise connection load capacity through high thread withdrawal resistance in both components. With partially threaded screws, capacity is limited by the substantially lower head pull-through resistance in the attached component. KonstruX fully threaded screws offer a cost-effective alternative to traditional joints or timber connectors such as joist hangers and beam supports.

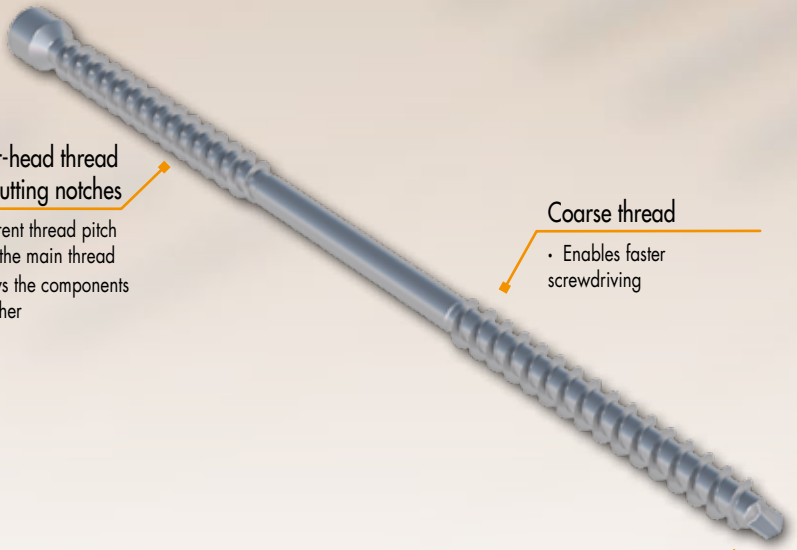
KonstruX ST A4 is suitable for indoor and outdoor timber-to-timber connections. Outdoor applications include playgrounds, balconies, pergolas used for sun protection, coastal locations and marine construction, for example jetties and piers.



DISCOVER OUR FULL **RANGE OF CATALOGUES**

KONSTRUX DUO

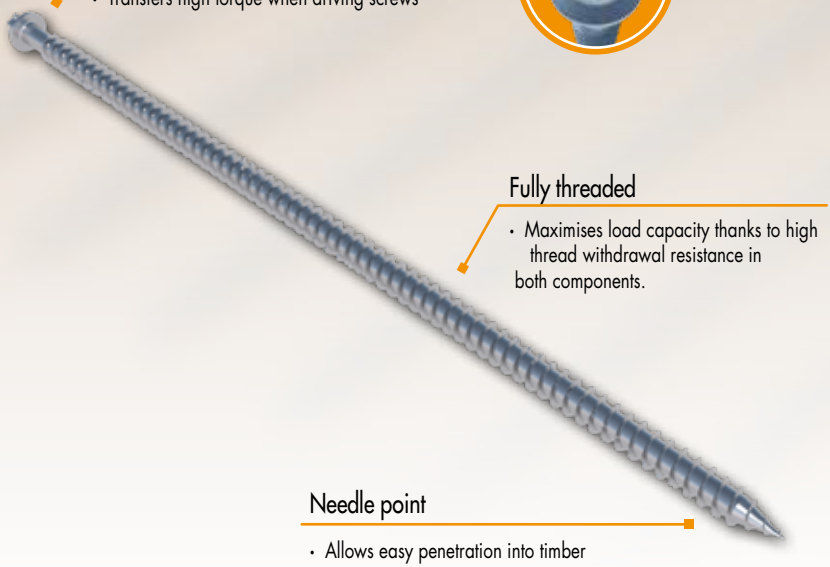
KonstruX DUO is an innovative fully threaded screw that combines the benefits of fully threaded and partially threaded screws. It maximises connection load capacity by providing equally high withdrawal resistance in both components.



KONSTRUX, 13 MM E12

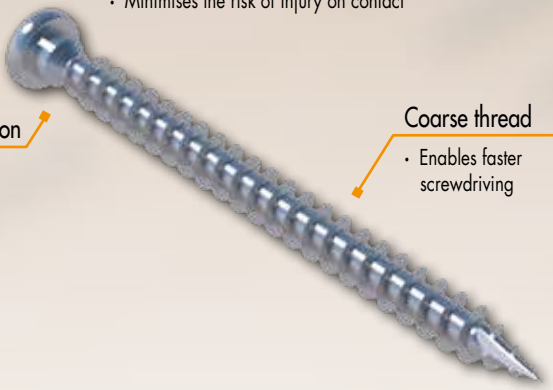
The KonstruX with E12 drive is versatile in engineered timber construction, carpentry, timber framing, industrial buildings, prefabricated timber elements and the refurbishment of floors. KonstruX fully threaded screws maximise connection load capacity thanks to high thread withdrawal resistance in both components. With a full-length coarse thread and an outer diameter of 13 mm, this screw provides excellent axial withdrawal resistance in timber components. Its impressive tensile strength of 75 kN allows full use of its maximum length of 1,400 mm, making it particularly suitable for large-scale reinforcement projects.

Typical applications include glued laminated timber components and long-span roof trusses, reinforcement of beams and connections, reinforcement against tension perpendicular to the grain, reinforcement at notches and openings, and bearing reinforcement. The aim is to increase, maintain or restore load-bearing capacity while reducing long-term deformation.



ANGLE BRACKET SCREW (WBS)

The Eurotec angle bracket screw (WBS) is made of hardened carbon steel and was specially developed for connections between steel sheet and timber. The screw tip geometry reduces splitting in the timber. The screw also features a smooth shank beneath the head, enabling load transfer under shear loading.



Pan head
- Screw head rests on the material surface
- Minimises the risk of injury on contact

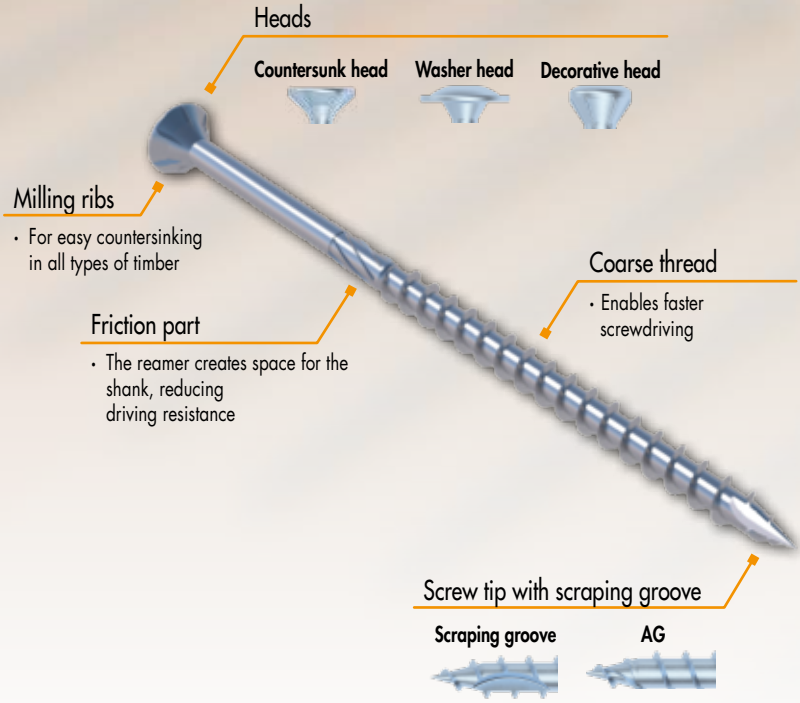
Under-head cylindrical section
- For better transfer of shear forces from the attached steel component to the screw shank

Coarse thread
- Enables faster screwdriving

Screw tip with scraping groove
- Ensures quick and easy screwdriving

PANELTWISTEC

Paneltwistec screws can generally be installed in CLT without pre-drilling. The Paneltwistec is a timber construction screw with a special tip and milling ribs above the thread. The cutting notch at the tip ensures quick engagement and reduces splitting during installation. Paneltwistec AG instead has a folded thread, which reduces driving resistance. Both countersunk-head and washer-head versions are available in blue zinc-plated, hardened carbon steel.



PANELTWISTEC 1000

CARBON STEEL WITH SPECIAL COATING

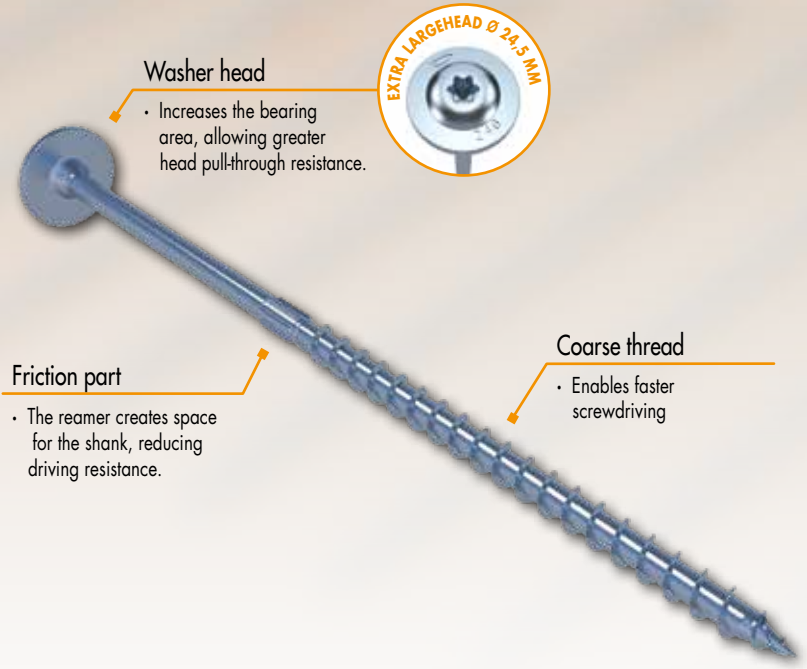
Paneltwistec 1000, made of specially coated, hardened carbon steel, is a fastener for load-bearing timber structures, connecting solid softwood, glued laminated timber, laminated veneer lumber or similar engineered wood products. The screw has a scraping groove at its tip and milling ribs above the thread. It is available with a countersunk head or a washer head. Its special geometry reduces splitting during installation. The special coating also reduces driving resistance, significantly lowering friction between the screw body and the timber.



PANELTWISTEC TK AG STRONGHEAD

FOR USE WITH PRESSURE-BONDED TIMBER COMPONENTS

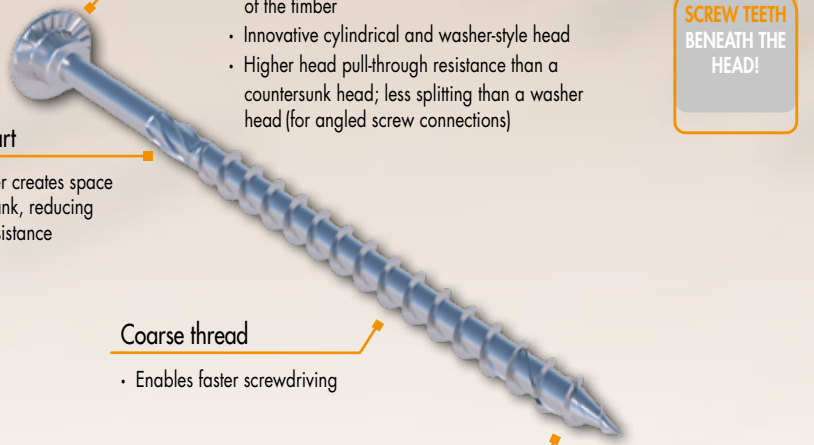
Paneltwistec timber construction screws can be installed in CLT or glued laminated timber without pre-drilling. Paneltwistec has a special AG screw tip and milling ribs above the thread, which provide rapid engagement and reduce splitting when driving the screw. The thread also speeds up installation and reduces driving torque. The washer head provides high head pull-through resistance and ensures sufficient pressure between the surfaces being joined, making it highly effective for adhesive bonding. If pressure bonding is carried out correctly while the adhesive cures, composite timber components can be produced. Ribbed slab applications are also possible.



SAWTEC

TIMBER CONSTRUCTION SCREW MADE OF HARDENED CARBON STEEL

SawTec is a timber construction screw with a special tip and saw teeth beneath the head. The screw has a two-stage cylindrical head. Its special tip geometry reduces driving torque and the risk of splitting during installation.



Two-stage cylindrical head with saw teeth

- Saw teeth under the head reduce wood fibre uplift
- Ideal for metal fittings
- Careful installation prevents fraying or splitting of the timber
- Innovative cylindrical and washer-style head
- Higher head pull-through resistance than a countersunk head; less splitting than a washer head (for angled screw connections)

Friction part

- The reamer creates space for the shank, reducing driving resistance

Coarse thread

- Enables faster screwdriving

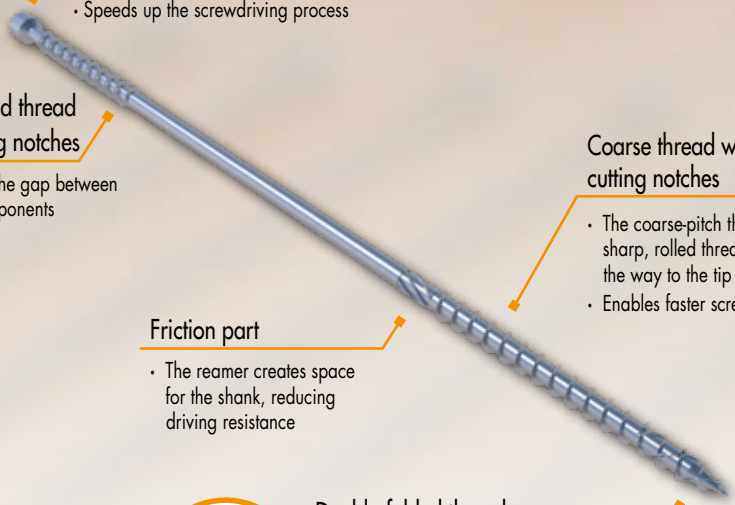
Double-folded thread

- The special geometry of the DAG screw tip reduces the driving torque and also decreases the risk of splitting during screwdriving

TOPDUO ROOFING SCREW

THE TIMBER CONSTRUCTION SCREW FOR EVERY OVER-RAFTER INSULATION SYSTEM

The Topduo roofing screw can be used to fasten both compression-resistant and non-compression-resistant above-rafter insulation. Its high withdrawal resistance in both connected timber components also makes it suitable for many other timber construction applications. The screw has a double thread and is available with either a washer head or a cylindrical head.



Cylindrical head

- Virtually disappears into the timber
- Speeds up the screwdriving process

Under-head thread with cutting notches

- Maintains the gap between timber components

Coarse thread with cutting notches

- The coarse-pitch thread has sharp, rolled thread flanks all the way to the tip
- Enables faster screwdriving

Friction part

- The reamer creates space for the shank, reducing driving resistance



Double-folded thread

- The special geometry of the DAG screw tip reduces driving torque and also decreases the risk of splitting when driving the screw



WATCH OUR **TOPDUO APPLICATION VIDEO**

ACCESSORIES

DIGITAL TORQUE ADAPTER

The Eurotec digital torque adapter allows torques from 1.5 to 30.0 Nm to be set and checked precisely. It is used to set up the cordless screwdriver. Once adjusted, you can continue screwdriving without the adapter.

In PEAK mode, reaching the preset value is indicated both by an audible signal and by an easy-to-see LED. Its high measurement accuracy ensures reliable torque monitoring and supports safe installation.

The torque adapter is accurately calibrated but is not subject to mandatory verification. No readjustment is therefore necessary.

Two adapters are included. To connect the torque adapter to an electric screwdriver, you need our ¼" to ½" adapter.



ADVANTAGES

· Torque: 1.5 to 30.0 Nm
· Easy, intuitive operation
· Buzzer and LED indicators
· Accurate, safe operation
· Includes a suitable adapter for your power tool

SCREWDRIVING TOOL

The screwdriving tool was specially developed for machine-driving timber and spacer screws.

It provides a positive, concentric connection between the screw head and the tool, ensuring precise, controlled driving even at higher driving torques.



TORQUE LIMITER

Modern screwdrivers, whether mains-powered or cordless, are becoming increasingly powerful. This raises the risk of overloading screws during installation. Typical damage includes snapped screw heads, stripped threads and deformed components, especially in demanding metal-to-timber connections. The torque-limiting screwdriving coupling provides an effective solution. It reliably limits torque to a preset value. Once this value is reached, an internal disengagement mechanism interrupts power transmission, protecting screws and materials from damage and ensuring consistently secure screw connections.

This makes the tool ideal for professionals who value clean, controlled installation without compromising on speed.





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