



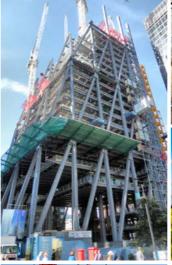


COMPANY BROCHURE

CONSTRUCTION AND PRECAST ACCESSORIES





















Terwa is a company with more than 25 years of experience in the production of metal components for construction and precast industry. Terwa deploys the latest technology and has developed long-term partnerships with companies throughout the world.

Every year, our global factories in Romania, the Netherlands and China deliver large volumes of Terwa products to our customers around the globe. Terwa's modular structure allows it to constantly adapt to growing market trends. Terwa has outstripped its competition thanks to a flexible way of working and customized products that take full account of our partners' needs, and the best price-performance ratio.

Terwa is a quality producer. The company is certified according to ISO 9001:2015, 3834-2 and 14001. Our products are certified and approved according to European and global norms and standards. The quality of our products is constantly monitored throughout the entire production process and also by international specialist laboratories.

Terwa oversees the entire process of manufacturing a product, from the concept and the design right throughout to after-sales service. This allows us to adapt to any requirements and satisfy our customers' needs. The most important tasks of the design and development departments include creating new products and improving existing products, matching themselves to the demands of the construction and precast industry with the latest technical challenges adopted with innovative solutions.

The collaboration with our partners is based on trust and a long-term relationship.





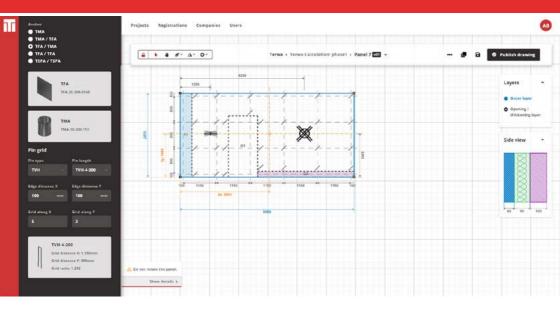




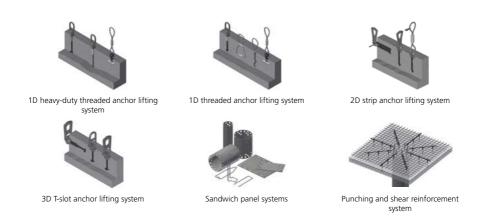
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SERVICE SOFTWARE

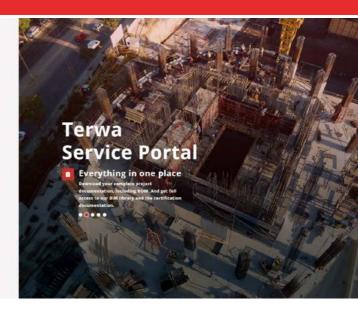


Terwa offers its **Terwa Service Portal** for calculating and designing tailormade construction and precast elements. The following modules are available to design specific elements and indicate which Terwa products to apply.



BIM SUPPORT













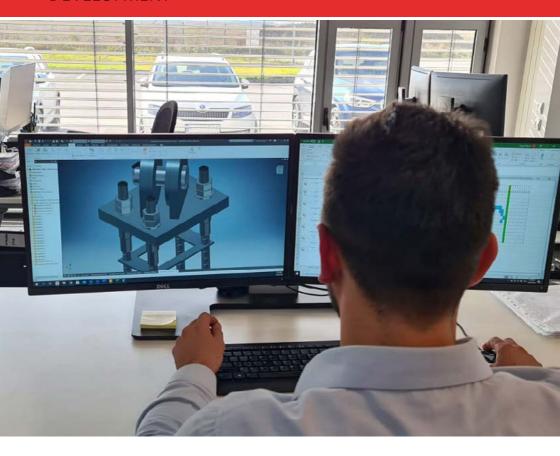








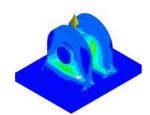
DEVELOPMENT



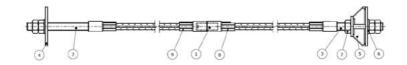
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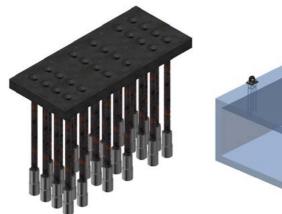
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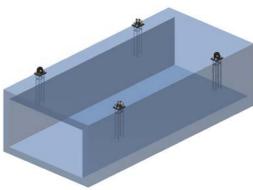
- **Engineering services:** Project management.
- 8 FTE engineers.
- Product design optimization.
- Process and tool development.
- 3D CAD facilities, Autodesk Inventor, Revit, Tekla, BIM.
- Configuration management.
- Innovation.
- In-house test facilities for global homologation.
- Total customer support in project management and product development.



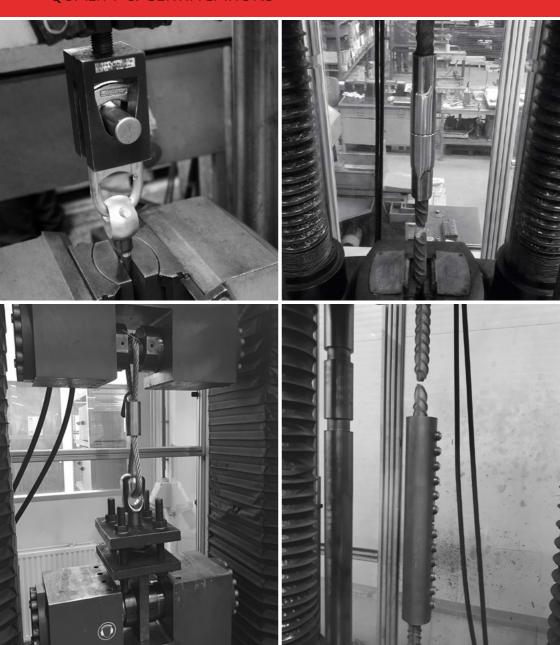








QUALITY & CERTIFICATIONS



The Terwa Construction Group's main production facility is in Ghimbav, a medium-sized town near Braşov located in western Romania. Over 75 highly skilled employees work at this ultramodern production unit which has a total area of 5,000 square meters.

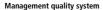
The organization is entirely self-supporting and in addition to manufacturing, has its own engineering, quality, logistics buying & scheduling, sales & supply, personnel administration and finance departments.

In response to the demands and product specifications of the construction and precast industries, the Terwa group has invested in a stock of modern, advanced machinery which runs seven days per week in a cycle of three eight-hour shifts per day.

As well as investing in production resources, the Terwa group of course invests in its employees. The education and training program is a constant process within the organization as a whole.

The key building blocks behind Terwa's success include consistent quality, produced in an efficient production environment, and innovative production techniques. This is also the foundation which will help Terwa expand and strengthen its position in the construction and precast industry in the future.







Metal component welding system



Environmental management system





























PRODUCTION





REFERENCES

PROJECT REFERENCES OF TERWA



Westrandweg - Amsterdam the Netherlands

The A5 Westrandweg is a motorway spanning approximately 17 kilometers and connects Schiphol Airport with the Western Docklands of Amsterdam. The road runs from junction De Hoek (A4) via junction Raasdorp (A9) to the second Coentume!

Terwa products used: **PSA**, **TSE**Terwa product group: **Reinforcement systems**





Rabobank Executive Centre - Utrecht the Netherlands

The Rabobank Executive Centre or Rabotower is a skyscraper in the Dutch city of Utrecht. Standing at 105 metres (344 ft), it is the city's highest office building, and its second highest building overall after the Dom Tower. In June 2011, it became the new headquarters of the Rabobank

Terwa products used: **PSA**, **TSE**Terwa product group: **Reinforcement systems**





Mega image logistic center - Bucharest Romania

In the year 2015, the Belgian group Delhaize, started building a new logistics centre of about 34,000 square meters, located in Stefanesti Bucharest.

Terwa products used: PSA, TSE, TH2, T-anchors
Terwa product group: Reinforcement systems
Lifting systems







Sky Tower - Bucharest Romania

Rising 42 floors high, SkyTower redefines the skyline of Bucharest. This powerful new landmark introduces a completely new business office concept and was designed to attract corporate tenants.

Terwa products used: **ALC**, **PSA**, **TSE**, Terwa product group: **Reinforcement systems**





Number one first street - Manchester United Kingdom

This project is set up to emerge as the new cultural home for Manchester, highlighting a new place in the city where business and creativity will come together.

Terwa products used: PSA, TSE

Terwa product group: Reinforcement systems





Wind farms - various locations Australia

Terwa delivered Alligator couplers to a wide variety of wind farm projects around Australia.

Terwa products used: **ALC**

Terwa product group: **Reinforcement systems**





Johan Cruijff ArenA - Amsterdam the Netherlands

The Johan Cruijff ArenA is the main stadium of the Dutch capital city of Amsterdam and the home stadium of football club AFC Ajax since its opening. It is the largest stadium in the Netherlands with a capacity of 68,000 people.

Terwa products used: PSA, TSE, SA-TTU
Terwa product group: Reinforcement systems
Lifting systems







Parking Garage Hoog Catharijne - Utrecht the Netherlands

Parking garage Hoog Catharijne P1 is located in the centre of Utrecht, right below the Hoog Catharijne shopping centre. The parking garage is within walking distance of the Utrecht city center, Utrecht Central Station, Tivoli Vredenburg, the Neude and the Dom tower.

Terwa products used: **PSA**, **TSE**, **ALC**Terwa product group: **Reinforcement Systems**





Metro subway M4 & M5 - Bucharest Romania

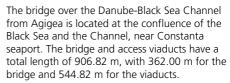
M5 is the newest of the five lines of the Bucharest Metro, which opened on 15 September 2020. In the first phase (6.87 km (4.3 mi)), it runs from Eroilor to Râul Doamnei, and to Valea Ialomiţei, in the Drumul Taberei neighbourhood.

Terwa products used: **PSA**, **TSE**, **ALC**Terwa product group: **Reinforcement Systems**





Agigea bridge - Agigea Romania



Terwa products used: PSA, TSE, PSE
Terwa product group: Reinforcement Systems
Terwa Mobile Unit





The Leadenhall building is one of the tallest leading skyscrapers within the skyline of London located in the financial district. The building is 225 metres high and has a distinctive wedgeshaped profile in an angle of 10° degrees.

Terwa products used: **PSA**, **TSE**Terwa product group: **Reinforcement Systems**





Leadenhall building - London United Kingdom



Lighthouse - Aarhus Denmark

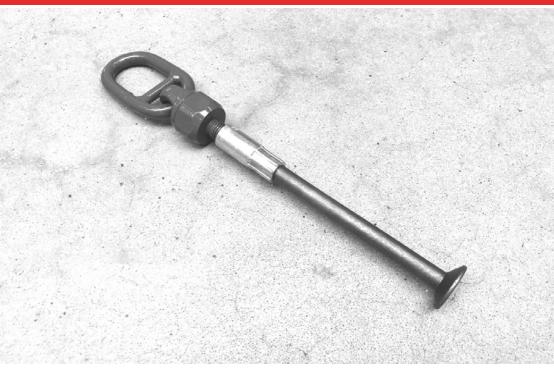
It is Denmark's tallest residential building (142 meter), situated at a unique location at the tip of Aarhus Island. Together with the two side buildings - Kanalhuset and Promenadehuset, the lighthouse is a landmark for the whole of Aarhus

Terwa products used: PSA, TSE

Terwa product group: Reinforcement Systems



1D HEAVY-DUTY THREADED ANCHOR LIFTING SYSTEM



HD threaded lifting systems are used in the precast industry and are suitable for lifting, transport and installation of precast concrete elements on site.

Some of the advantages of this system are:

- The 1D-HD lifting anchors are designed to resist at a minimum safety factor of 3x load group.
- A wide range of lifting sockets.
- Capability of establishing a connection in a safe, simple manner.
- The lifting systems can be re-used.
- CE-compliant system. All Terwa lifting systems have the CE marking which guarantees compliance with the European regulations.

The threaded lifting system combines a lifting anchor embedded in a concrete unit and a lifting device.

Products are available in electrolytic galvanized and hot-dipped galvanized steel and as AISI Grade A2 and A4.



EC Declaration of Conformity, Machinery Directive 2006/42/EC, Section 4.1.2.5, Directive 2009/127/EC Regulation (EU) No 167/2013 EN ISO 12100:2011-03: Safety of machinery - general design principles - risk assessment and risk reduction VDVBV-BS 6205: 2012-04: Lifting inserts and lifting systems for precast concrete elements - principles, design, applications. EN 12385-4 - EN 13414-1

HEAVY DUTY LIFTING SYSTEMS



HEAVY-DUTY LIFTING & TRANSPORT ANCHORS



FIXING ACCESSORIES



1D THREADED ANCHOR LIFTING SYSTEM



Threaded-lifting systems are used in the precast industry and are suitable for lifting, transport and installation of precast concrete elements on site.

Some of the advantages of this system are:

- A wide range of lifting sockets.
- Threaded lifting loops and cast-in lifting loops.
- Capability of establishing a connection in a safe, simple manner.
- Most of the lifting systems can be re-used.
- CE-compliant system. All Terwa lifting systems have the CE marking which guarantees compliance with the European regulations.
- Economic solution for the assembly of prefabricated units.
- The 1D lifting anchors are designed to resist at a minimum safety factor of 3x load group.

The threaded lifting system combines a lifting anchor embedded in a concrete unit and a lifting device

Products are available in electrolytic galvanized and hot-dipped galvanized steel and as AISI Grade A2 and A4.

EC Declaration of Conformity

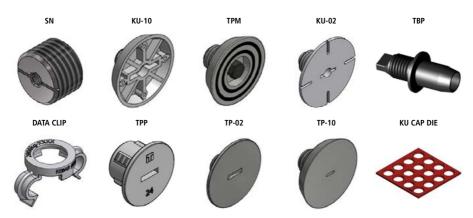
EC Declaration of Conformity, Machinery Directive 2006/42/EC, Section 4.1.2.5, Directive 2009/127/EC Regulation (EU) No 167/2013 EN ISO 12100:2011-03: Safety of machinery - general design principles - risk assessment and risk reduction VD/BV-BS 6205: 2012-04: Lifting inserts and lifting systems for precast concrete elements - principles, design, applications EN 12385-4 - EN 13414-1



LIFTING & TRANSPORT ANCHORS



FIXING ACCESSORIES



2D STRIP ANCHOR LIFTING SYSTEM



The strip anchor lifting system manufactured by TERWA is a high quality, safe, easy to handle, cost-effective system. It is used for transporting all types of concrete elements.

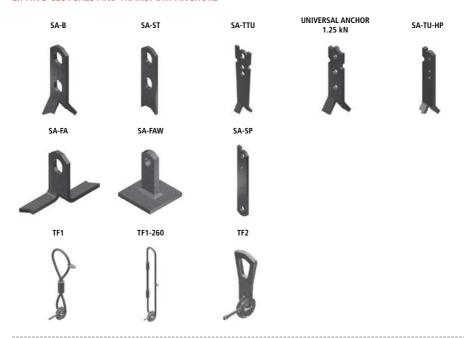
Some of the important advantages of these systems are:

- Safe, simple and fast connection and disconnection between lifting anchor links.
- Anchors and links are designed for load capacities between 0.7 26.0 t.
- High-quality alloy material for lifting anchors can be used in any environment.
- Perfect lifting and transport solution for most applications and precast elements.
- CE-certified system. All Terwa lifting systems have the CE marking which guarantees compliance with the European regulations.
- The anchors are designed to resist at a minimum safety factor = 3.

Products are available in electrolytic galvanized and hot-dipped galvanized steel and as AISI Grade A2 and A4.

EC Declaration of Conformity, Machinery Directive 2006/42/EC, Section 4.1.2.5, Directive 2009/127/EC Regulation (EU) No 167/2013 EN ISO 12100:2011-03: Safety of machinery - general design principles - risk assessment and risk reduction VDVBV-BS 6205: 2012-04: Lifting inserts and lifting systems for precast concrete elements - principles, design, applications EN 12385-4 - EN 13414-1

LIFTING CLUTCHES AND TRANSPORT ANCHORS



RECESS FORMERS AND ACCESSORIES



3D T-SLOT ANCHOR LIFTING SYSTEM



Using the 3D T-slot anchor system is fast, and the utilization of a cheap T-slot anchor makes application of this lifting system the most economical system. The T-slot anchor is built into the concrete element with the aid of a rubber recess former. After pouring the shuttering and after the concrete has hardened, the rubber ball can be removed. The TH2 lifting clutch fits perfectly in the hole created, facilitating pulling the prefab element up out of the shuttering.

Some of the important advantages of these systems are:

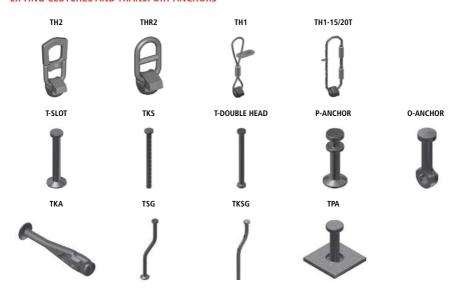
- Safe, simple and fast connection and disconnection between lifting anchors and lifting clutches.
- Anchors and links are designed for load capacities between 1.3 45 t.
- High quality alloy material for lifting anchors can be used in any environment.
- Perfect lifting and transport solution for most applications and precast elements.
- CE-certified system. All Terwa lifting systems have the CE marking which guarantees compliance with the European regulations.
- The anchors are designed to resist at a minimum safety factor = 3.

Products are available in electrolytic galvanized and hot-dipped galvanized steel and as AISI Grade A2 and A4.



EC Declaration of Conformity, Machinery Directive 2006/42/EC, Section 4.1.2.5, Directive 2009/127/EC Regulation (EU) No 167/2013 EN ISO 12100:2011-03: Safety of machinery - general design principles - risk assessment and risk reduction VDVBV-BS 6205: 2012-04: Lifting inserts and lifting systems for precast concrete elements - principles, design, applications FN 12385-4 - FN 13414-1

LIFTING CLUTCHES AND TRANSPORT ANCHORS

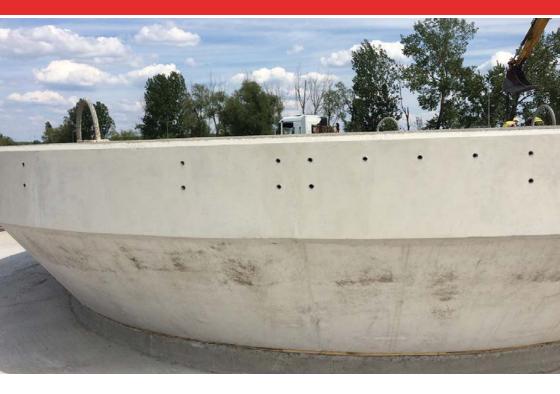


RECESS FORMERS AND ACCESSORIES



FIXING SYSTEMS

FIXING INSERTS



Fixing systems are used in the precast industry and are suitable for installation of precast concrete elements on site.

Some advantages of this system:

- A wide range of fixing sockets.
- Capability to establish a connection in a safe, simple manner.

Fixing inserts:

- Fixing socket embedded in precast concrete unit.
- Ready for mounting bolts.

Connecting elements and fixing accessories:

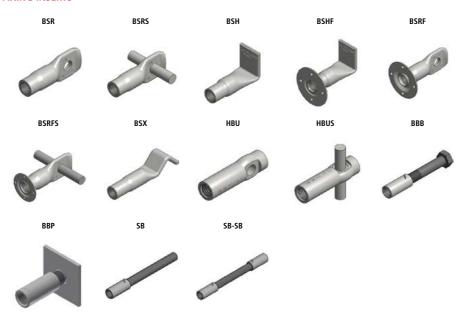
- Thread connections.
- Fixing accessories.

Products are available in electrolytic galvanized and hot-dipped galvanized steel as AISI Grade A2 and A4.



EC Declaration of Conformity, Machinery Directive 2006/42/EC, Section 4.1.2.5, Directive 2009/127/EC Regulation (EU) No 167/2013 EN ISO 12100:2011-03: Safety of machinery - general design principles - risk assessment and risk reduction VDI/BV-BS 6205: 2012-04: Lifting inserts and lifting systems for precast concrete elements - principles, design, applications

FIXING INSERTS



ACCESSORIES



FIXING SYSTEMS

ANCHOR RAILS









Anchor channel rails, in combination with T-bolts or hook bolts and serrated retainer anchors, provide a reliable, rapid and low-cost solution for any problem with fastenings for prefabricated concrete units.

The anchor channels are stuffed with filler to prevent concrete ingress. After the concrete has dried, remove the fillers from the channels leaving an open slot in the wall for fixture connections.

The T-bolts, hook bolts and anchors can now easily be mounted on the anchor channel rails in a safe way. This system can be used in a wide range of construction works.

Anchor rails are available in hot-dipped galvanized steel and A4 stainless steel.

ANCHOR CHANNEL RAILS



MOUNTING RAIL



HMPB-S perforated



FASTENING RAIL



TU

ANCHOR CHANNEL ACCESSORIES



HS T headed bolt

MAS wall conection rail



HZS T headed bolt



ES short piece with loop



HWT-MA wall connection anchor



HWT anchoring bracket with counter plate



REINFORCEMENT SYSTEMS

REBAR CONNECTION SYSTEM



Terwa rebar connection system is a high quality, economical connection system of reinforcement. Some of the characteristics and advantages of the Terwa rebar connection system are:

- Used for reinforcement steel with a diameter from 10 mm to 40 mm.
- Suitable for dynamic and seismic loads.

Suitable for all types of reinforcement steel according to the European and American standards.

- B500A, B500B according to NEN 6008
- B450C, B500A, B500B, B500C according to EN 10080.
- B500B, B500C according to BS4449.
- B500A, B500B, B500C according to DIN 488
- B500A, B500B, B500C according to NF A35-080-1
- B500A, B500B, B500C according to SFS 1300
- K500B-T, K500C-T according to SS-EN 10080 + SS 212540
- B500NC according to NS-EN 10080+NS 3576
- B550B according to EN 10080 and ÖN 4707

Products are available in electrolytic galvanized and hot-dipped galvanized steel and as AISI Grade A2 and A4.













STANDARD MECHANICAL SPLICES



SPECIAL MECHANICAL SPLICES



ACCESSORIES / TOOLS



TORQUE WRENCH



REINFORCEMENT SYSTEMS

MECHANICAL SPLICES ONSITE THREADING AND COUPLER SYSTEMS



















MECHANICAL SPLICES ON SITE COUPLER SYSTEM

The Terwa mobile units are created for the need to optimize and streamline the work of the builders at the construction sites and to have the products available on site in the fastest way possible. At this time, Terwa owns various fully equipped mobile units that can be used to press couplers on a length of 1-12 meters of rebar steel or, occasionally, even longer lengths.

Properties and benefits of the mobile unit for rebar coupling include:

- Local installation for the direct connection of rebars with diameters between 10 and 40 mm.
- Completely self-supporting, including necessary energy supply.
- Tested and certified to national and international standards.
- Possibility to use locally supplied reinforcing steel.

Product variants:



MECHANICAL SPLICES ON SITE THREADING SYSTEM

Threaded bars on site

The mobile units for threaded bars on site provide a simple and fast way of connection the rebars on site. The splicing system is designed for the connection of reinforcement steel bars from \emptyset 10 to 40 mm.

The system is produced using 3 machines with high productivity:

- Cutting machine.
- Upset cold forging machine.
- Threading machine.

Connection consists in a threaded bar which is connected using a threaded coupler. Before threading, the bar is first cut so it has a straight surface, after the diameter of the rebar is enlarged to increase the nominal area and the strength.

REINFORCEMENT SYSTEMS

ALC ALLIGATOR COUPLERS

























Alligator couplers are used for splicing any grade or profile of reinforcing steel bar. These couplers are made of reinforcement steel with diameters in the range of 10 mm to 40 mm. Connection is made by inserting bars into both ends of the coupler. The breaking bolts are then screwed on by hand and tightened with a ratchet wrench until the bolts shear off. In specific cases, these couplers can be used to replace the damaged reinforcements with new ones and to connect to the old structure.

The advantages of alligator couplers are:

- Ensure integral connection for steel reinforcement.
- No need for threading or any other bar preparation.
- Fast, simple and easy to use.
- The use of ALC rules out the use of lap splices ensuring less congestion and saving rebar material.
- No special training needed.
- Correct assembly is easy to check visually.

COUPLERS



ACCESSORIES



TOOLS



REINFORCEMENT SYSTEMS

TSB TERWA STARTER BOXES

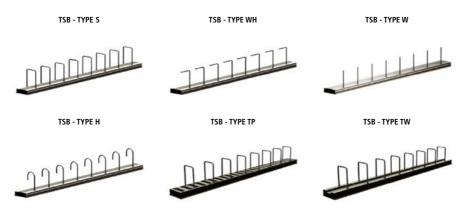


Terwa starter boxes are composed of longitudinal steel profiles (rails), made of perforated, galvanized steel plate with ribbed reinforcement bars mounted into them. These rebar loops are bent into the profile which is sealed off with thick protective tape to prevent concrete from entering during casting. After demolding the tape can be removed to bend out the rebar loops and splice them with the adjacent rebar.

TSB, when cast into concrete, can be used to make vertical and horizontal connections in rebar cages in joints in both precast and in-situ structures such as, wall-wall connections and wall-floor connections

The modular nature of the starter box allows for fast and continuous application of the product which will reduce labor costs and eliminates manual splicing of stirrups and hairpins into the rebar cage.

TSB TERWA STARTER BOXES



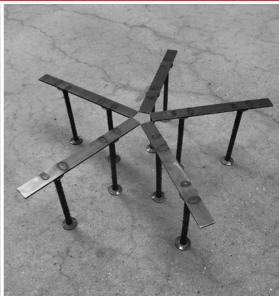
TSB TOOLS

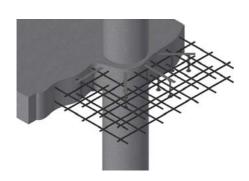


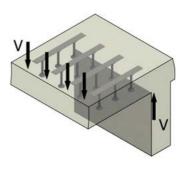
REINFORCEMENT SYSTEMS

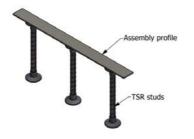
PUNCHING AND SHEAR REINFORCEMENT SYSTEM









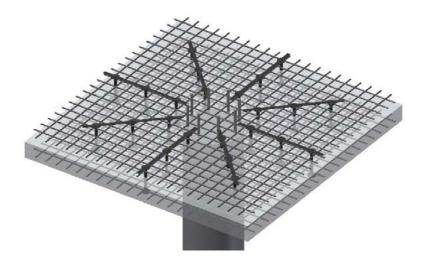




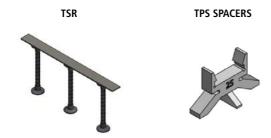
The Terwa shear reinforcement system consists of double headed studs connected by an assembly profile – a strip of flat steel. The products designed and manufactured by Terwa ensure a much simpler installation than other traditional reinforcement elements (stirrups). This applies in both cases – when Terwa shear reinforcement system is used in cast-in situ or in precast elements. It is a fully integrated system in prefabricated elements, which therefore makes it an ideal system for thin monolithic structures or flat concrete slabs.

TSR - shear reinforcement ensures:

- Higher punching resistance than conventional stirrup reinforcement.
- Simple and efficient installation.
- Low formwork costs.
- Optimum use of space a large distance between supporting columns.
- Easy installation from above and below.
- Easier installation of building utilities under slabs, such as pipes or ducts.



PUNCHING AND SHEAR REINFORCEMENT SYSTEM



PRECAST CONCRETE SYSTEMS

SANDWICH PANEL SYSTEMS



Sandwich panels are multiple-layer, prefabricated, large-format façade panels with good thermal transmittance resistance. They generally combine a design load-bearing layer, the thermal barrier coating, and the facing layer.

The sleeve and flat anchors and the wire sandwich panel anchors are supplied in stainless steel. Sleeve anchors, flat anchors and wire sandwich panel anchors are available in various dimensions so all technical requirements can be satisfied.









FLAT ANCHOR

MANCHET "TMA"





WIRE HAIR PINS

TVH





TSPA DOUBLE WIRE



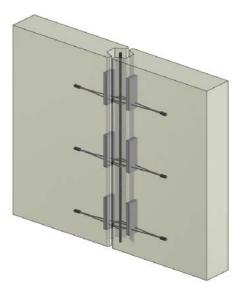
TSPA SINGLE WIRE



PRECAST CONCRETE SYSTEMS

LOOP BOXES

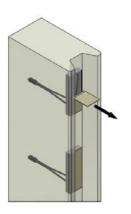


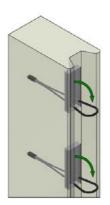




Terwa loop boxes are designed to connect two concrete elements by means of cast-in loop boxes that are laced with additional rebar in combination with a grouted joint. The connection is able to transfer vertical shear forces, transverse shear forces, tensile forces, and their combinations in wall to wall or wall to column connections.

This system consists of a flexible cable loop mounted inside a steel box which also functions as a cavity former. The wire rope loop is made from a high strength cable of which loose ends are pressed into a steel sleeve. The boxes can be nailed onto the formwork via holes in the steel box. After demolding the loops are easily pulled out by removing the protective tape.







TLB TERWA LOOP BOXES

TLB



Terwa Loop Box	Article number
TLB-060	63591
TLB-080	63592
TLB-100	63593
TLB-120	63594
TLB-140	63595

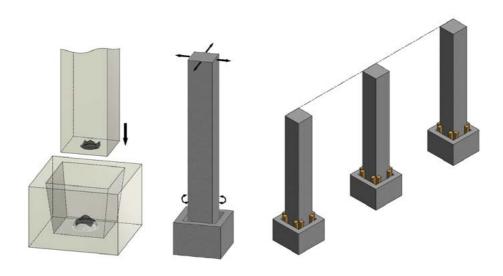
PRECAST CONCRETE SYSTEMS

COLUMN CENTRALIZERS



Column centralizers represent an optimal solution for concrete columns fastening, facilitating the installation on site, saving time and ensuring the correct position of the concrete columns in foundation. The system consists of two spherical connectors made from sheet steel.

The two connectors are embedded in the column and foundation block, ensuring a joint between the two elements. For this reason, we recommend ordering these connectors in pairs. The connectors have four bended corners, specially designed for good embedment in concrete. The design ensures a good position in the concrete element and an easy installation.



COLUMN CENTRALIZERS



FASTENING PRODUCTS

FASTENING PLATES



Terwa fastening plates are steel parts used to transfer the loads of structural elements to concrete. Structural fixings are made by welding to the steel plate. TFPT, TFP and TFPR fastening plates are steel parts that are installed before the concrete hardens. The fastening plates are available for all sorts of loading situations and are available in three types with different studs welded on a steel plate.

Properties and benefits of the fastening plates include:

- No commercial or technical limitations; free movement of the products across borders.
- Ease of design: pre-calculated capacities can be used together with Eurocode all over the EU.
- Products authorized for CE-marking as they fulfil the required quality and safety criteria.
- Pre-calculated capacities speed up the design work.
- Standardized products enable fast delivery directly from storage.
- Multitude of material options and combinations enables use in even the most demanding circumstances.
- Different types of fastening plates available for all sorts of loading situations.



TFPT FASTENING PLATES

A TFPT fastening plate consists of an S355J2 steel plate (EN 10025) and studs made of a S355J2 steel bar, forged on one side and welded on to the plate.



TFPR FASTENING PLATES

A TFPR fastening plate consists of an S355J2 steel plate (EN 10025) and ribbed studs made of B500B reinforcement steel (EN 10080), hot-forged on one side and welded on to the plate.



TFP FASTENING PLATES

A TFP fastening plate consists of an S355J2 steel plate (EN 10025) and ribbed studs made of B500B reinforcement steel (EN10080), welded on to the plate.





SPECIAL CONSTRUCTION PRODUCTS

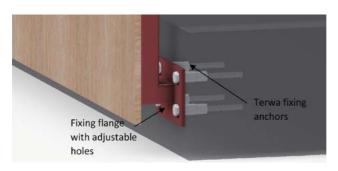
BALCONY COLUMN FENCE SOLUTION



Terwa balcony system with stainless steel handrail

This system is made from steel and is hot-dip galvanized after. The profile is welded on to a steel fixing flange with adjustable holes for proper alignment of the whole system. The uprights are fixed outside the concrete slab to enable use of the entire surface of the balcony.

The uprights are fixed outside the concrete slab using Terwa fixing anchors, as shown in the picture above. The uprights can be painted by the clients. We also offer painting services and only require the exact RAL color specification.







Terwa fence balcony system

This type of balcony system is created for residences and office buildings. It is made from hot-dip galvanized steel. The uprights can be painted by the clients. We also offer painting services and only require the exact RAL color specification.

The system is very safe, as it is made from cut and bent steel plates with a thickness of 6 mm and 4 mm, respectively. The system consists of two parts. The first part is on the inside and ensures the rectangular profile does not go outside and gives strength to the whole system. The second part is on the outside, is closed and ensures the whole system stays fixed. These two parts are mounted with safety screws.





SPECIAL CONSTRUCTION PRODUCTS

PANEL FIXING SOLUTION





Our TFPS products are specially designed for fixing façade concrete precast panels on metal structures. The innovative design assures a safe fixing for the concrete panels, perfect alignment on the façade using the adjustable system on 3 directions.

The system components are:

1 Fixing anchor

The anchor consists of one steel plate with two threaded holes M16 or M12 and two reinforcement steel B500B bars bent and calculated to assure the needed embedding in the concrete.





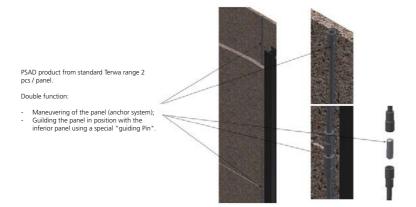
2 L profile system

The L profile assures the connection between the metal structure and the concrete panels. Also, the profile system is adjustable to align the panels on the structure.



3 Panel alignment and lifting system PSAD

The product consists of a reinforcement steel with two bushes pressed at both sides. The bushes and the connection pin are made of stainless steel AISI 316 Ti.



4 base L profile system

The base profile is used to fix the base concrete panels on the metal structure.



CONTACT DETAILS





TERWA is the global supplier for precast and construction solutions with multiple offices around the world. With all our staff, partners and agents, we are happy to provide all construction and precast companies who work in the building industry with full service and 100% support.

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