

Pelit Kalıp was established with the aim of offering confidence and quality to the service of construction industry with formwork and scaffolding, as a result of the construction business experience of Pelit Arslan founded in 1949. It has been producing Formworks and Scaffoldings in Istanbul-Sefaköy under the roof of Turanlar Group since 2002.

Pelit Kalıp Inc. is the manufacturer and dealer of formwork and scaffolding systems, H20 wooden beams and Plywood materials. that are the one of the first investments of construction projects.

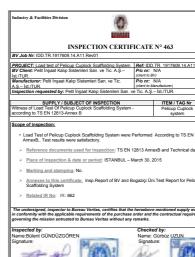
Our products provide economic costs to customers because they are of high quality, adaptable to different projects and highly reusable.

As Pelit Kalıp, we provide services to construction companies from the beginning to the end of a project with pre-sales and after-sales services such as field exploration, project analysis, project consultancy, formwork and scaffolding design, static analysis, preparation of detailed installation plans, supervising and logistic support. Certified products are used in the systems. Particularly the scaffolding systems has been subjected to mechanical tests at Boğaziçi University Laboratories and certified by Bureau Veritas.

Pelit is presenting its products to the customers with fairs and exhibitions in Turkey and abroad. 60% of our production is gaining value in overseas market.





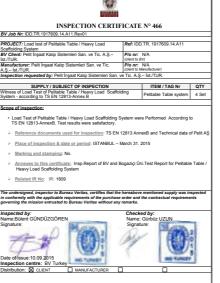


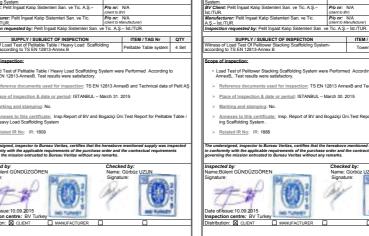
INSPECTION CERTIFICATE N° 468

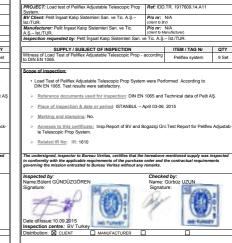
BV Job Nr: IDD.TR.1917609.14.A11.Rev01

PROJECT: Load test of Pelitower Stacking Scaffolding









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PELIWOOD COLUMN FORMWORK SYSTEM

Peliwood Column Formwork System comprises 4 main components; plywood, wooden girders, adjustable column waler and adjustable corner component. This is a flexible sytem which can be adapted to different projects with different loads. With 2 different adjustable column walers and corner components, all column sizes can be obtained between 20/20 and 100/100 with 5 cm increment. Different sizes and strength values can be obtained by adjusting wooden girders and steel walers. Pre-assembled panels are moved with crane without distmantling from the beginning to end resulting reduction in labour cost and time. Permissible fresh concrete pressure is 90 kN/m² for columns having up to 10 meters of. Apart from standard sizes, lower or higher panels can be created by finishing the plywood at a lower height and using connection accessories for wooden girders.



PELIWOOD WALL FORMWORK SYSTEM

Peliwood Wall Formwork System comprises 3 main components; plywood, wooden girders and steel walers. This is a flexible sytem which can be adapted to different projects with different loads. The system can be used practically in different structures such as industrial buildings, infrastructures, residential buildings and retaining walls. Different sizes and strength values can be obtained by adjusting wooden girders and steel walers. Pre-assembled panels are moved with crane without distmantling from the beginning to end resulting reduction in labour cost and time. Permissible fresh concrete pressure is 50 kN/m2 for walls up to 5 meters of height. Apart from standard sizes, lower or higher panels can be created by finishing the plywood at a lower height and using connection accessories for wooden girders.

PELIWOOD CLIMBING FORMWORK SYSTEM

Peliwood Wall Formwork System transforms into a climbing system with climbing components and accessories. Climbing brackets are connected to each other with scaffolding tubes and fixed to concrete with climbing cones. This way a platform for formwork erection is created. After the assembly of climbing brackets, formwork can be moved with or without brackets. Comformation to all kinds of projects.



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PELIWOOD SINGLE SIDED WALL FORMWORK SYSTEM

Peliwood Single Sided Wall Formwork System is used for the applications when tying through the formwork is not possible such as retaining walls against rock or existing walls, very thick walls or dam construction. Various types of single sided formwork systems are manufactured for different concrete pressure levels which depends on the formwork height.

This System can transforms into a Climbing System with climbing components and accessories. Fresh concrete pressure is transferred to climbing brackets through vertical walers and supporters and stop anchors take the load from climbing brackets. Pre-assembled panels are moved by crane without distmantling from the beginning to end resulting reduction in labour cost and time.



PELIWOOD CIRCULAR WALL FORMWORK

Peliwood Circular Wall Formwork System is a practical solution used to give the concrete a curvilinear form for various diameters and thicknesses. Pre-assembled inner and outer panels can be easily adapted to different diameters with adjustment components. After the first assembly, inner and outer panels can be adjusted to different diameters with adjusting components without distmantling and creating additional anchorage holes. Circular wall walers are used reduce the number of anchorage points for water retaining structures such as water treatment plants, dams, pools etc.

PELIPANO MODULAR FORMWORK SYSTEM

The System is composed of panels with steel surfaces. Pelipano Circular column formwork is composed of 2 semi-circular panels and these panels are locked by panel clamp. The diameters between 30 cm and 160 cm with 10 cm increments are produced as standard. Required heights are obtained by adding circular column at top of each other.

Pelipano Wall is used as wall formwork for villas, residential and infrastructural projects. Because of the light-weight, panels can be moved by hand and it is an ideal solution when there is no crane available at site. Simple locking system with a single hammer blow by using only one type of connection component.



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PelitKalıp[®]

PELITABLE HEAVY LOAD SCAFFOLDING SYSTEM

Pelitable is a heavy load bearing scaffolding system with fast and easy set-up, which is comprising 4 types of frame members. Main frame member, diagonal connection member and height adjustment members. When utilized as Table Formwork System, it can be used without demounting till the end of project. Tables with high dimensions are formed, such that it is saved from workmanship, time and material. The system has a high bearing capacity. It is designed by static calculation due to project specifications.

PELITABLE STAIR TOWER

With **Pelitable Stair Tower** application you can reach eighter a deep pit or a high working area in safety. The stair tower also erected with standart components of Pelitable 150 or 180 frame system.



PELICUP CUPLOCK SCAFFOLDING SYSTEM

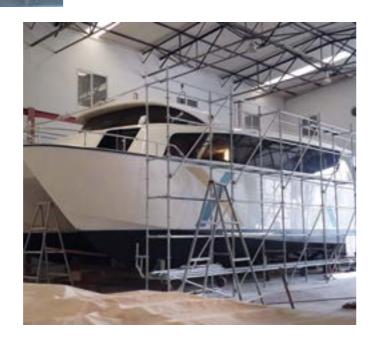
Pelicup System occupies a little space when materials are stocked. The system consists of a few components. Assembly is very practical. Locking kits placed on the vertical elements with a distance of 50 cm or 100 cm are the connection points of the horizontal elements. The system offers very suitable solutions to level differences. Four horizontal elements are connected each other at a single point. It is possible to assemble a stair tower or facade scaffolding with identical elements. It provides suitable solutions for all kinds of slabs. It has high load bearing capacity.

Pelicup is a certified product, which is conformable with following norm: EN 12813

PELIFLANGE RINGLOCK SCAFFOLDING SYSTEM

Peliflange System is a system, which is used as a subfloor load bearing scaffolding or as working scaffolding in various constructions. It is comprising horizontal member, vertical member, moving platform parts and many accessories. There are flanges intermittently from 50 to 100 cm, preferably, on vertical pipes, whereas there are heads, named as "dovetail", at the ends of hrizontal and cross pipes. 8 different connection points on the flanges welded to the vertical elements, it has the ability to be applied to all types of architectures. It's setup, transport and storage is easy. Therefore, it is preferred in industrial facilities, petroleum refineries, shipyards, building constructions, entertainment industries and in concert halls or playfields, where temporary tribunes are needed.

All of the system complies with EN-12813 standards.



PELITOWER SOCKET SCAFFOLDING SYSTEM

In order to install **Pelitower System**, there are no need parts like accessories vs. With this reason, the installation, disassembly and stocking are easy. Due to accessories preparation will not be carried out and the tower can be installed by a single worker, time and workmanship is saved. Tower spaces are determined with statical calculation according to the project. To rise 1 meter, 4 H Components are needed. Because, H Components are located as tusk tenon, system escalates by interlocking inside, therefore the strength of system is high.



PELIFLEX ADJUSTABLE PROP SYSTEM

Peliflex is a system, which is used as a slab formwork and can be easily applied for all types of floors in different geometries. The main member of the system is Prop and completed with auxiliary members such as Tripod, U-Head, Four Ways Heads. It is designed as adjustable, for working in different heights. Conformity to slab load can be maintained by increasing or decreasing the distance between the props. Compared with conventional formwork system, it needs less workmanship and fast work is possible. It can be reused again, such that an advantageous economic solution can be obtained in long term period.

It is produced in conformity with EN 1065 standards.

PELISAFE FACADE SCAFFOLDING SYSTEM

Pelisafe System provides perfect solutions for the facades, consisting of a simple and very fast mounted interlaced frame. A safe working environment is provided by putting walking platforms on each floor and a safe transition is ensured between floors with ladder lids. Frames are connected to building with anchors from the number of connection points specified in the standard to prevent overturning of the scaffold. It is assembled very quickly and safely with only seven basic elements (frame, cross pipes, horizontal pipes, platform, railing, tie board and spindle feet). "H" type safety working scaffolds are used in projects such as residence, high buildings, business and shopping centers, industrial buildings, energy facilities, hospital and health facilities, restaurants...

All of the system complies with EN-12810-12811 standards.



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PELINET SAFETY NET SYSTEM

In order to catch people and big objects, 10X10 cm of large-meshed safety nets are used. As second line onto this main net, a filet is laid to catch small objects and prevent the blackout of worker when looked from above. The distance from facade towards outward is 3 meters. Standard widths are 400 cm and 600 cm. The system can be transported from one floor to another by crane. Two brackets should overlap each other for at least 75 cm during mounting.

Pelinet System is comformable with EN 1263 standard.



COMPLEMENTARY PRODUCTS







Marine Plywood



H20 Wooden Beam

PELIMAX HEAVY-WEIGHT FRAMED FORMWORK







The framed formwork Pelimax by Pelit Kalıp is a complete system, that includes accessories designed for heavy-duty use. The Pelimax system ensures fast, safe and cost effective concreting process and provides you with an opportunity to make any concrete surface possible.

- 60 kN/m2 pressure of fresh concrete acting on the whole area using a tie-rod system of 15.0 mm;
- 80 kN/m2 pressure of fresh concrete acting on the whole area using a tie-rod system of 20.0 mm;
- High quality film faced plywood with a thickness of 21 mm. Film weight is 240 g/m2.
- Installation of pre-assembled units reduces necessity of crane use to minimum;
- High number of use cycles results in lower follow-up expenses:
- Reduction of expenses due to possibility of restoration and cleaning;
- Galvanized or powder-coated steel frames provide for long service life;
- High quality of concrete surface reduces finishing work to minimum

PELIMID MEDIUM-WEIGHT FRAMED FORMWORK





The framed formwork Pelimid by Pelit Kalıp is a complete system with accessories included that delivers perfect forming performance on construction sites with the limited crane use. High load-bearing capacity and long service life of Pelimid system makes it a cost-effective solution.

- 60 kN/m2 pressure of fresh concrete of up to -3.00 m;
- Can be vertically stacked up to 6.00 m with the use of one joint;
- High quality film faced plywood with a thickness of 15 mm. Film weight is 240 g/m2.
- Manhandled formwork panels minimize the crane use;
- High number of use cycles results in lower followup expenses;
- Reduction of expenses due to possibility of restoration and cleaning;
- Galvanized or powder-coated steel frames for long service life:
- High quality of concrete surface reduces finishing work to minimum

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Vezir Ağaç, that is Vezirköprü Forest Products and Food Trade. Inc., is one of the largest integrated forest products industry facilities the Black Sea Region. It has become the pride of the region and its employees due to its closeness to raw material and domestic and foreign target markets. It is an integrated facility with the production of particleboard, melamine coated particleboard, plywood, block board, parquet.















ABOUT PELIT ARSLAN A.Ş.

Pelit Arslan A.Ş., established at 1949 in Sefakoy-Istanbul as the very first factory of Turanlar Group, active in Forestry Products Industry with 2000 employees continues its operations with increasing achievements.

The main product line manufactured at Pelit Arslan A.Ş. and the brandnames are:

PeliLam HPL & CPL laminates, PeliCompact HPL Interior & Exterior Compact Panels, PeliWood - PeliTir Raw & Filmed PlyWood, PeliWall Wallpapers, PeliTable Tabletops, PeliLuxe UV-Lacquered Glossy MDF Panels with Digital Prints, PelitKalip Construction Framework & Scaffolding Systems.



















We are everywhere where life passes through.

www.peliglobal.com



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