

Layher. 

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Layher Scaffolding Systems Pvt Ltd

Layher (the name of German company) produces high-quality scaffolding systems in Germany. Layher has worldwide presence with more than 45 sales subsidiaries. The products are being used by industries like Construction, chemical plants, power plants, at shipyards and offshore. Now days for demanding and complex scaffolding applications – i.e. wherever conventional scaffolding technology falls short of optimal thus cost-effective use, Layher Allround Scaffolding convincingly comes in with an unmatched range of advantages: unbeatably fast assembly, persuasive economic arguments and an extensive range of series-produced accessories.

LAYHER® — ALLROUND SCAFFOLDING SYSTEM – THE ORIGINAL

Layher is the world's leading manufacturer of scaffolding and temporary works solutions. We supply equipment to the residential, commercial, industrial, infrastructure and event industries.

Layher the innovator

Firstly, Layher goes to considerable effort to develop products that are lighter, faster and stronger. Ultimately this saves your business time and money. Likewise, Layher sets the standard for innovation and excellence.

In an increasingly quality and cost-conscious market, we strive to develop and advance scaffolding technology. This

Layher FlexBeam Ideal for Bridge Maintenance

ensures we offer the most competitive product and service portfolio available today.

Whether you are a first-time Layher investor or a loyal Layher user, the service offered through Layher's technical team holds the reputation for being the best on the market.

Quality and safety assured

Layher products are made in Germany by Layher. With Layher products you can expect a substantially longer working life and higher resale value. So, should the time finally come when you may consider selling your business, you can be confident you will secure an excellent return on your investment.

Layher also offers a full range of optional safety components and tools, making our systems the safest solutions on the market today.

The proven combination of positive and non-positive connections in a rapid and bolt-free system technology with AutoLock function facilitates connections that are automatically right-angled, obtuse-angled and acute-angled – and ensures built-in safety at the same time. Layher Allround Scaffolding has now become synonymous with modular scaffolding on the market.

Rapid assembly and optimum use of materials ensure economical scaffolding structures. The aluminium FlexBeam makes it possible. It enables surface scaffolding to be efficiently assembled both suspended and upright.

Further expansion using standard Allround components is also possible. In the case of use as suspended scaffolding, the anchor plate and the suspension shoe are available for receiving the beam. The anchor plate is intended for direct wall-plug connection to the structure.

The Layher FlexBeam system adds a new dimension to the concept of Allround scaffolding for soffit access, gantry access and cantilever access. The Aluminium FlexBeam has many advantages over applications where previous lattice beams relied on time consuming

assembly by traditional scaffolding methods.

In the past, constructing suspended & cantilevered access, elevated site cabin & pedestrian gantry walkway types of scaffold structures would involve an array of heavy steel lattice beams requiring time-consuming installation, and the use of further materials for lacing, bracing & tying the structure. This new innovation does all of this in a single product facilitating rapid assembly. The high load capacity Aluminium FlexBeam enables surface scaffolding to be efficiently assembled both suspended and upright.

Advanced Design

This well-designed product comes with a number of options making it extremely flexible in a range of different situations. The suspension shoe can be directly connected to the tie rod adapter, meaning the suspension itself can be extended in length by Allround standards using the standard adapter, male or female adapter. A standard connector is used for expansion within the Layher system dimensions.

COMPATIBLE WITH LAYHER ALLROUND SCAFFOLDING

The FlexBeam is a 280 mm deep rectangular hollow section extruded Aluminium beam designed for suspension and support applications with components allowing compatibility with Layher Allround bay sizes. The components include a suspension system for bridge or floor slab soffit access. A selection of adaptors allows the connection of Layher Allround scaffolding either above and or below the FlexBeam, ensuring convenient methods of access wherever required.

Structural Stability

The FlexBeam system is quick and easy to erect, employing pins with safety clips for ease of assembly and positioning. The system is designed to incorporate Layher's steel or aluminium decking systems directly onto the beam creating an immediate working platform. This includes a Layher



The world's largest system scaffolding manufacture has developed a revolutionary Aluminium FlexBeam to help create safe and economical quality structures.

lock-against-lift-off (LALO) system that provides structural stability and prevents the decking from being dislodged in high-wind conditions.

Higher Point-Loading

FlexBeams are supplied in lengths of 3 metres to 7 metres. Where required, the beams can be joined end-to-end using the FlexBeam connector. The system components for support and suspension are located along the beam length, and allow much higher point-load applications when compared to conventional lattice beams.

What's more, the lift-off preventer can be inserted anywhere and moved in the longitudinal direction of the beam, fixed in place with a special bolt. To extend the length of beams, the FlexBeam spigot is available, which is inserted into the hollow chamber of the beam section and then pinned to it.

The timber beam support permits lateral fitting of an extra beam. For example, it can act as a basis for providing fitted bays in curved sections.

The Cross – Connector – two functions in One Components

The cross – connector allow FlexBeam, position one above the other and at right angles, to be turned into structure. Bracing structure for façade or birdcage scaffolding or even platforms can be easily using systems components, regardless of the bay lengths of the scaffolding or the distance between beams. Special structure produced specially for projects – e.g. welded steel structure – can simply be replaced by them, not only

resulting in economic benefits but also saving raw material resources.

Ringling Bells

This forward-thinking company is already well known for their 'original Layher Allround modular scaffolding system', regarded as one of the best scaffolding system available in today's market, complete with unique 360° connection technology. Construction sites, power stations, chemical plants, shipyards and public arenas are just a few applications in which the Layher Allround scaffolding system can be used.

By using state-of-the-art design software, on-going installation help and direct liaison, they have worked and continue to forge strong links with some of the top contractors in the industry.

The Benefits for End User:

- Reduction of the assembly effort thanks to high load bearing capacity fewer suspension points, and dispensing with compression chord bracing.
- Faster assembly due to U-shaped upper side of the section, for direct suspension of system decks and an easy to lift off preventer.
- Systems-integrated solution.
- Increase in the number of possible users with just a few additional components.
- More flexibility in the grid platforms.
- Small and compact components

*For further details, please contact:
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