鼎维固
Wenma

STEEL WALKBOARD
STEEL SCAFFOLD BOARD

WITH EXCEPTIONAL ANTI - CORROSION PERFORMANCE, FIVE TIMES THE SERVICE LIFE

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General Features & Advantages

High-Quality Base Material

Adopts S235 grade Zn-Al-Mg alloy coated steel plate, which combines high strength and excellent corrosion resistance to resist erosion in various complex environments; the plate thickness is precisely controlled at 1.5mm, ensuring structural integrity while optimizing self-weight, achieving a balance between "strong load-bearing + easy installation", and suitable for construction, industrial maintenance and other application scenarios.

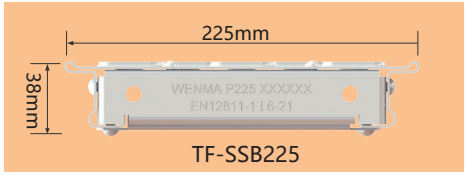
Patented Section Design

Anti-Slip Cantilevered Tread: The cantilevered structure with anti-slip patterns on the surface not only forms longitudinal reinforcing ribs to strengthen tread rigidity, but also expands the load-bearing area of a single board for more uniform force; after erection, it can quickly realize the flatness of the working platform, greatly reducing the gap between boards and minimizing construction risks.

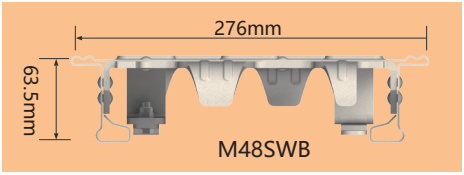
Bidirectional Stretching Hole Pattern: The tread adopts a staggered layout of oblong holes and round holes, processed by bidirectional stretching technology — oblong holes enhance lateral rigidity and anti-slip performance to prevent personnel from slipping; downward-drawn round holes balance rigidity and self-cleaning function, which can automatically discharge impurities.

Closed Cavity Bottom Structure: The closed cavity design at the bottom not only enhances the overall load-bearing capacity, but also effectively prevents sand accumulation, reduces later maintenance costs, and significantly extends the service life of the product.

TF-SSB248



TF-SSB225



M48SWB

Excellent Cut Surface Rust Prevention

After cutting, the coating will quickly dissolve and cover the cut surface to provide initial protection for the substrate; slight red rust may appear on the cut end surface initially, but then the zinc, aluminum and magnesium elements in the coating will continue to dissolve and react with ions in the environment to form a dense protective film mainly composed of zinc hydroxide, basic zinc chloride and magnesium hydroxide, which can completely cover the end surface within a few months, completely inhibiting corrosion and solving the pain point of "easy rusting of cut surfaces" of traditional steel plates.

1 week exposure

15 week exposure

25 week exposure

Superior Corrosion Resistance

The Zn-Al-Mg alloy coating is a new generation of high-corrosion-resistant coating material. The magnesium (Mg) element in the coating can promote the formation of stable Simonkolleite ($Zn_5(OH)_8Cl_2 \cdot H_2O$) — this substance adheres to the steel plate surface in the form of a dense film, acting as a "protective shield" to isolate corrosive media, and its corrosion resistance is 5-10 times that of traditional hot-dip galvanized steel plates.

High Durability

Compared with traditional hot-dip galvanized steel walkboards, the special Zn-Al-Mg coating structure greatly improves corrosion resistance, and the production process is easier to realize automation, which not only ensures the consistency of product quality, but also extends the service life; at the same time, it reduces the frequency of later maintenance and replacement costs, with higher cost-effectiveness in long-term use.

Strong Applicability

It performs stably in harsh environments such as high salt spray in coastal areas and strong corrosion in chemical plants, and is not afraid of erosion from moisture and chemical media. It can meet the construction needs of different regions and working conditions without frequent replacement, covering all scenarios with adaptability.

Welding-free technology + high-strength hot-dip galvanized bolts and stainless steel rivets

The innovative combination of welding-free technology with high-strength hot-dip galvanized bolts and stainless steel rivets enables the product to use high-quality zinc-magnesium-aluminum plates. While ensuring strength and load-bearing capacity and significantly improving anti-corrosion performance, it avoids various drawbacks caused by welding, guarantees stable product quality and performance, and extends the number of product turnover cycles.

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Steel Walkboard

Designed specifically for the Finelock M48 System Scaffold and Fineshore M60 Shoring System.

Part No.	Overall Length		Width	Thickness	Weight	
	m	in	mm	mm	kg	lb
M48SWB_30	3.0	9′10″	276	63.5	19.42	42.81
M48SWB_24	2.4	7′10″			15.73	34.68
M48SWB_21	2.1	6′11″			13.88	30.60
M48SWB_18	1.8	5′11″			12.03	26.52
M48SWB_15	1.5	4′11″			10.19	22.47
M48SWB_12	1.2	3′11″			8.34	18.39
M48SWB_09	0.9	2′11″			6.50	14.33
M48SWB_06	0.6	2′			4.64	10.23

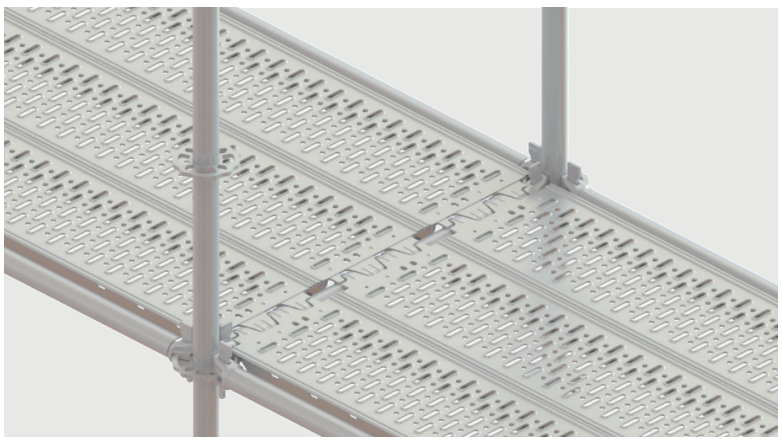
Core Performance

High Load-Bearing Compliance: When the maximum span reaches 3.0m, it still meets the EN12811-1 L6 class maximum load standard and complies with the ANSI/ASSE A10.8-2001 "Heavy Duty" grade requirement. It can safely carry construction personnel, tools and materials, suitable for high-load operation.

Craftsmanship Highlights

High-Strength Reinforced Hook: The hook is equipped with reinforcing ribs, which not only improves the load-bearing capacity, but also ensures the flatness of the working surface, effectively preventing the board from slipping and ensuring construction safety.

Patented Anti-Tipping Stability Hook: A patented stability hook is designed for large-format boards to avoid tipping when stressed unilaterally and enhance overall stability.



Flat Parent-Child Hook: It has stronger wrapping performance for horizontal bars, greatly improving stability, safety and anti-slip ability, doubling the construction safety factor.

Modular Seamless Combination: Following the modular principle, it can realize seamless splicing of boards without additional installation of c+over bars, which not only saves material costs, but also simplifies the erection process and improves construction efficiency.

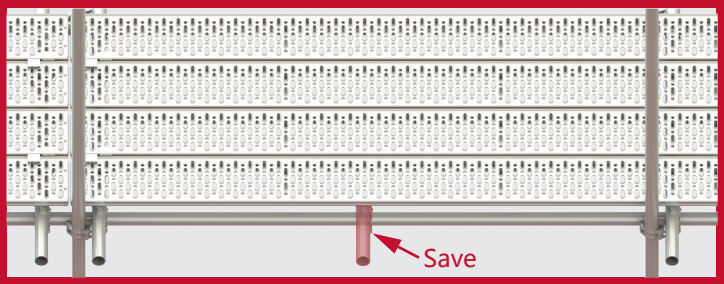
Steel Scaffold Board

Designed specifically for the Wenma Tube & Fittings Scaffold System.

Part No.	Overall Length		Width	Thickness	Weight	
	m	in	mm	mm	kg	lb
TF-SSB248_40	4.0	13′1″	248	45	19.35	42.66
TF-SSB248_30	3.0	9′10″			14.60	32.19
TF-SSB248_20	2.0	6′7″			9.84	21.69
TF-SSB248_10	1.0	3′3″			5.10	11.24
TF-SSB225_40	4.0	13′1″	225	38	18.46	40.70
TF-SSB225_30	3.0	9′10″			13.90	30.64
TF-SSB225_20	2.0	6′7″			9.33	20.57
TF-SSB225_10	1.0	3′3″			4.77	10.52

■ Core Performance

High Load-Bearing + Cost Optimization: The side adopts a cantilevered edge reinforcing rib design, which significantly improves the load-bearing capacity — it still meets the EN12811-1 L6 class load standard when the span reaches 2.1m; higher load-bearing capacity supports larger erection spans, which can reduce the usage of boarding poles and related fasteners by more than 1/3, greatly saving supporting materials and realizing cost optimization.



■ Structural Highlights

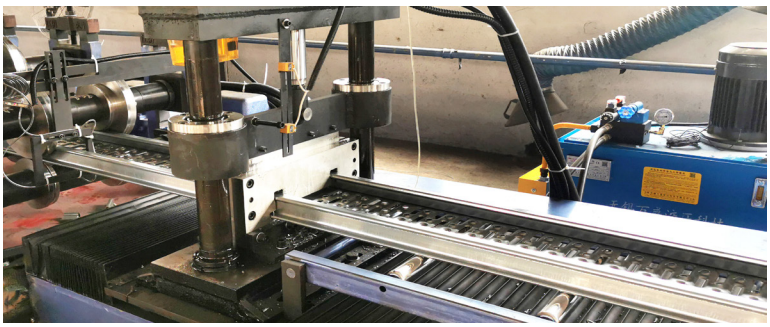
Integrated Reinforced End Plate: The integrated end plate is made of thickened Zn-Al-Mg plate through stamping process, which greatly improves the strength of the scaffold end, enhances the resistance to drop deformation, and avoids end damage after long-term use.

User-Friendly Modular Rib: Modular installation ribs are set on the back, which not only strengthen the overall rigidity of the board, but also can be used as handles during operation, facilitating handling and installation, and the design is more in line with the operation needs of construction personnel.

Customization Service

For customers with large customization needs, personalized dimension customization service is available based on actual construction conditions, scaffolding models and load-bearing requirements. Key parameters such as width and height can be flexibly adjusted to ensure the product matches the project needs accurately and improve construction adaptability and efficiency.



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