

Steel Frames for Doors- Specification

Steel frames for doors are robust and durable structures designed to provide essential support and stability for door installations, suitable for both indoor and outdoor applications. Made from steel, these frames resist wear, weather, and environmental factors, enhancing their longevity. This standard outlines the requirements for materials, dimensions, construction, and workmanship specific to steel frames for doors, including options for pressed and tubular steel frames. This ensures frames can withstand diverse conditions, making them ideal for various building needs.

Consumers expect high-quality steel door frames that combine strength, durability, and ease of installation. The consumer also desires for an appealing aesthetic look without compromising the quality of materials and finishes. As demanded in the market, manufacturers employ galvanized steel sheets and advanced coatings like powder coating and wood grain finishes, which not only protect against corrosion but also offer an appealing aesthetic look. Furthermore the consumer expects easy installation guidelines for these types of frames.

The standard addresses evolving consumer expectations by incorporating advancements in steel grades, cross-sections, and finishes. The revised version of the specification introduced options for galvanized sheets, additional frame profiles, and advanced finishing processes, such as phosphating and powder coating, to ensure long-lasting quality. With these specifications, the standard ensures that steel frames meet rigorous quality, durability, and design requirements, supporting widespread use and satisfaction among consumers and professionals alike.