

Technical Specifications of Diplomat Fire-Resistant Security Steel Safes

Diplomat Design Safe – Fire-Resistant Security Safe

- **Brand:** Diplomat – Design Safe Series.
- **Fire Resistance Testing and Quality Assurance:** Diplomat safes have passed fire resistance tests conducted by internationally recognized testing institutes and have obtained multiple certifications. The manufacturing process operates under the **ISO 9001** Quality Management System to ensure consistent quality.
- **Fire Resistance Rating:** Tested for **60 minutes** of fire resistance and awarded the Swedish RISE test certificate.
- **RISE – Research Institutes of Sweden Fire Resistance Test Certificate:** RISE 90 Paper (1.0 hours), Certificate No. 164901.
- **Model:** **580** – Single-Door Safe.
- **Country of Origin:** South Korea.
- **Fire Protection:** Designed to protect the safe's contents, particularly important documents, against fire.
- **Construction and Finish:** Manufactured from high-quality galvanized steel sheets using electrogalvanized zinc-coated steel. The safe is finished with a high-quality, durable, rust-resistant coating that provides a smooth, glossy surface and helps prevent scratches and corrosion.
- **Insulating Material:** Features Diplomat's advanced STYRONITEF insulating material, designed to provide a high level of fire protection and security.
- **Locking System:** Equipped with a Smart Digital Lock (HTP) and a handle for easy opening.
- **Smart Digital Lock:** User-friendly and easy to operate.

Smart Digital Lock



HTP

HTP, Hybrid Touch Panel Lock

- | | |
|------------------------------|---|
| ① FND Display | ⑥ Multi mode : 2 users can independently open safe using their own Codes. |
| ② 2 User codes : 4-16 digits | ⑦ Dual mode : Code & Code |
| ③ Paralysis function | ⑧ Sound & Code hide system |
| ④ Scramble numbers | ⑨ Low battery alert |
| ⑤ Built-in alarm | |



Certified 60min. fire resistance at 1,000°C by RISE.

- The safe is equipped with two strong, movable steel locking bolts for secure locking and unlocking, in addition to two fixed bolts on the opposite side of the door and one additional movable bolt at the top of the door to ensure a tight closure.
- The safe body is tightly sealed around the door to prevent the ingress of smoke, heat, and water, and is impact-resistant.
- The safe is equipped with an **LED light** for clear interior visibility and convenient access to its contents.
- The safe features an **alarm system** that activates if the safe is subjected to impact or tilted at an angle exceeding **45 degrees**.

Inside LED Light



LED light makes it convenient and easy to see inside.

Alarm



Alarm for alert when the safe impacted or tilted at over 45°.

Technical Specifications of Diplomat Fire-Resistant Security Steel Safes

- The safe is equipped with **one drawer**.
- The safe is equipped with **one shelf**.
- The inside of the safe door is fitted with **four hooks** for hanging important keys.
- **Color Options:**
 Black (RAL 9017): With a natural walnut wood-textured finish on the door front.
 Ivory (RAL 9002): With a natural light oak wood-textured finish on the door front.

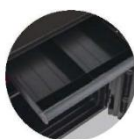
Available Color



Light Oak



Walnut



Tray



Height adjustable shelf



Key hangers on Door back

Testing and Certifications

The safe has successfully passed the following fire resistance and impact tests:

- **60-Minute Fire Resistance Test** in a furnace at a temperature of **1,000°C**.
- **Drop Test:** Tested by dropping the safe from a height of **9.1 meters**.
- **Impact Resistance Test** for the internal components.
- **Water Sprinkler Resistance Test**

Dimensions, Weight, and Storage Capacity (Liters):

Specification	580
External Dimensions (H x W x D)	440 x 404 x 522 mm
Internal Dimensions (H x W x D)	410 x 300 x 300 mm
Net Weight	53 kg
Storage Capacity	36 L



- **Warranty:** Comprehensive warranty against manufacturing defects, effective from the date of delivery.
- **Maintenance & Spare Parts:** Specialized maintenance service center with spare parts readily available.

 ISO 9001 Quality Assurance System ISO 9001 certified by CreBIZ	 KS (Korea) Fire resistant mark KS first among Korean-made safes (1984)	 SP (Sweden) RISE, Research Institutes of Sweden Fire Test approved	
--	--	---	--