Technical Specifications of Diplomat Fire-Resistant Security Steel Safes

- **Brand:** Diplomat Fire-Resistant Security Safe.
- **Quality Assurance:** Diplomat safes have passed fire-resistance tests conducted by internationally recognized testing institutes and have obtained multiple certifications. Manufacturing is carried out under the ISO 9001 Quality Management System to ensure consistent quality.
- **Fire Resistance Rating:** Tested for **120 minutes (2 hours)** of fire resistance and certified by the Swedish RISE testing institute.
- **Certification:** RISE – 120-minute paper fire-resistance test.
- **Certificate No.:** 164903.
- **Model:** L300 – **Two-Door Security Safe**
- **Country of Origin:** South Korea.
- The safe is fire-resistant and designed to protect documents and other contents from fire.
- Manufactured from high-quality galvanized steel sheets using electro-galvanized steel panels. The safe features a high-quality, durable, rust-resistant coating that provides a smooth, glossy finish and helps prevent scratches and corrosion.
- Equipped with Diplomat's proprietary **STYRONITEF fire-resistant insulating material**.
- Locking System – Dual-Control Security: **Two Key Locks (Dual Key-Locking System).**
- Each key lock is supplied with **two keys**.
- The locks are designed to resist drilling and forced entry, as they are manufactured from specially hardened steel.
- The safe is supplied with high-security keys that are difficult to duplicate. Each key lock comes with two keys.
- **Locking Bolts:** The safe is equipped with **nine** strong, movable circular steel locking bolts for secure locking and unlocking: **five** on the door-opening side, and **two** at the top and bottom of each door leaf. Double-curvature frames extending from top to bottom along the opposite side of each door leaf act as deadbolts, providing a reinforced, tightly secured structure that resists forced entry. *Double-curvature frames extending from top to bottom act as deadbolts.*
- **Sealed Door Structure:** The safe door is tightly sealed to prevent the ingress of smoke, heat, and water. The safe is also impact-resistant.
- **Interior Storage:** The safe is equipped with **two** lockable metal drawers and **three** metal shelves with adjustable heights.
- **Color:** Ivory – RAL 9002

Testing and Certifications

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

- **120-Minute Fire Resistance Test:** Tested in a furnace at a temperature of **1,080°C** for 120 minutes.
- **Drop Test:** Tested by dropping the safe from a height of **9.1 meters**.
- **Internal Component Impact Test:** Tested for impact resistance of internal components.
- **Water Sprinkler Resistance Test:** The safe has passed tests for resistance to water from sprinkler system

Dimensions, Weight, and Storage Capacity (Liters):

Specification	Model L300
External Dimensions (H × W × D)	700 x 1126 x 1745 mm
Internal Dimensions (H × W × D)	1505 x 946 x 490mm
Net Weight	540 kg
Storage Capacity	698 L

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