

HELLENIC WOODEN FRAMES MANUFACTURERS



A CONTINUOUS EVOLUTION



Ideal energy saving environment even in extreme external conditions.

NATURAL SUPERIORITY IN WOODEN FRAMES!

For more than 5 decades, TSIGAS S.A. is the power of evolution in Wooden Frames. Oriented towards specialization, variety of aesthetics and strict quality control, our company has been identified with loyalty and international acknowledgement in its field of activities.

The company is focused on reinforcing its presence in the international markets by continuously adding new products to its range.

The factory is certified according to **EN ISO 9001:2008 TÜV HELLAS** (TÜV NORD) S.A.

Our products are certified by **eph GmpH** (Development and Testing Laboratory Wood Technology) according to **DIN EN ISO/EC 17025** and have been rated for **Air Permeability: Class 4, Water Tightness: Class 9A, Wind Pressure: Class 4.**

According to international tests, TSIGAS S.A. Wooden Frames surpass the **optimal durability tests** for wind pressure and air permeability, water-tightness and thermal permeability achieving thus **high energy-saving performance** with the lowest possible cost of maintenance.

Our main concern is environmental awareness and corporate responsibility for the protection of our natural resources. All our products originate from certified, legally cut timber from sustainable forests in accordance to international standards.

SPECIALIZED IN HOTELS

Evolutionary technical solutions for modern hotels with high resistance coefficients, energy savings and total adherence to the traditional character.

Fire Resistant Timber Door Scheme by IFC Certification. Certificate number IFCC1358.



TSIGAS S.A. The Hellenic power with the international prestige!



WOOD - ALUMINIUM & WOOD - BRONZE FRAMES

Ideal combination of materials for maximum quality!

TSIGAS S.A. is committed to its core philosophy of always keeping up with contemporary quality requirements by adopting new Technologies and Products, aiming to a better quality of life.

Our latest presentation are frames made of Wood on the inside and Aluminium or Bronze on the outside.

These highly sophisticated products manage to combine the best properties of both materials thus ensuring maximum performance in energy saving, durability, sound proofing, thermal insulation and environmental adaptability.

PERFORMANCE

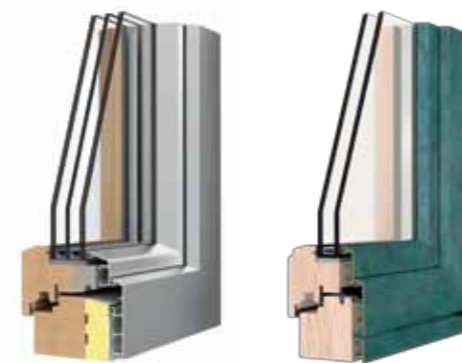
Wind Permeability: Class 4 (maximum allowed) with wind speed 115 km/h.

Water Tightness: Method A - Class E 1050, rain and wind speed 149 km/h (above maximum allowed).

Durability: Class 5C (maximum allowed class).

Energy Saving: Thermal performance between **0,8 W/m²K** and **1,2 W/m²K** with glass pane of high performance, magnetron coating and filling of Argon gas.

Noise reduction: up to **42dB**.



“MINIMAL” WOOD OR ALUMINIUM FRAMES

One of the pioneer products in the TSIGAS S.A. product range are the slim section “MINIMAL” frames.

In wood or aluminium, these solutions are offered by modern architecture for luxury hotels, villas, office and residential complexes and are certified to meet the highest international quality and energy saving standards.





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TSIGAS S.A.

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