22 October 2025

CERTIFICATION

It is hereby certified that the residences under reference in Trimiklini have been designed and are being constructed using a structural system of reinforced concrete load-bearing masonry.

This system constitutes a unified, monolithic structure, in which the load-bearing walls also serve as partition elements of the building. All external and internal walls are reinforced and interconnected, forming a three-dimensional frame of high stiffness and strength.

The structural analysis of the constructions has been carried out in accordance with the applicable regulations that have been mandatory in the Republic of Cyprus since 01/01/2012, namely the Eurocodes, ensuring full compliance with European design and construction safety standards.

Features and Advantages of the System:

1. **Increased Seismic Resistance**
   The construction acts as a unified shell that distributes seismic forces evenly, reducing deformations and improving overall structural performance.
2. **Greater Stability and Stiffness**
   The continuous connection of all load-bearing walls creates an extremely stiff and stable structural system with reduced cracking and increased strength.
3. **Architectural Freedom and Construction Quality**
   It allows for clean architectural forms without visible beams or columns and provides greater flexibility in the layout of interior spaces.
4. **Durability and Long-Term Stability**
   The monolithic structure exhibits high durability over time and resistance to environmental or seismic stresses.

Reinforced concrete load-bearing masonry represents a modern, safe, and proven reliable construction method, fully aligned with the Eurocodes and the applicable design standards in the Republic of Cyprus.

Respectfully,

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