

# Construction of the tile vault Cap Sa Sal Hotel in Begur, Girona

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**Abstract** Hotel Cap Sa Sal in Begur - now converted into apartments - was built in the heart of the Costa Brava Girona by the architects Josep Maria Bosch Aymerich and Reigt Ignasi Bosch (1910 - 1991). Ignasi Bosch incorporate, or rather recovers the ribbed tile vault, already used in the "country houses" in Catalonia. This interest in the vaults will take to make a patent where one can observe the implementation of structural these constructive elements. In developing this type of design element stands out above all the vault to be built with Josep Maria Bosch Aymerich at the Hotel Cap Sa Sal in Begur (1954-1963) with a span of 20 m. We are in a vault constructed with four layers of bricks; solid bricks first, left eye, and the other three with hollow bricks. There are certain parallels between this dome and built by Rafael Guastavino in 1880 at the Theatre "La Masa" in Vilassar de Dalt (Barcelona).

**Keywords** tile vault, construction history, Rafael Guastavino.