

# BASIC INFORMATION



## THE PRODUCT

**Tabique Hispalam** is a partition walls building system that benefits from the particular advantages of both the **Large Size Clay Bricks** and the **Drywall Panels**.

This way the outstanding features of the two most demanded products by the partition walls market are put together: The Large Size Clay Bricks and the Drywall Panels.

Because it is a **DRY execution work**, the system do not require hand applied or spayed damp plaster that provides the work with water, delaying the finishing job and, therefore, the handover time.

It is replaced by the Drywall Panels that are stuck to the clay brick with **Hispalam mortar** spread all over the surface of the brick and that is dry just 30 minutes after being applied.

Beside this, the system include the solution for the execution of the ceilings with the same drywall panels and its metallic profiles.

## ADVANTAGES

Confidence for the technical management:

- o With a great number of quality certifications.
- o Tested under CTE requirements.
- o APTO Certification for installation companies.

Confidence for Property Developers and Construction Companies (Approved installation companies are hired)

- o The whole work is done with just one installation company.
- o Technically assisted by Tabiques Hispalam.
- o APTO certification for the installation of Tabiques Hispalam.

Only products with high standards:

- o HispaPlano 100 %.Large Size Clay bricks.
- o Hispalam Mortar.
- o Drywall panels with AENOR certification.

Improvements on alternative systems:

- o HispaPlano 100% with a guiding tubes device (**Pasatubos HispaPlano**) for the installation of electric wiring and plumbing pipes that avoids breaking horizontal channels in the brick.
- o Dry Partition Walls.
- o Absolute Toughness.
- o Perfect Finish.

## PRODUCT LINE

Inside Partitioning:

All possible combinations of HispaPlano Large Size bricks with drywall panels are used for inside partitioning, conforming with CTE (Construction Technical Code) for DB-HR (acoustic isolation) on its section 3.1.

Vertical Division Elements:

Tabique Hispalam offers different options depending on the width of the HispaPlano Large Size Brick required.

To conform with DB-HR requirements of the simplyfied versión on the CTE, Tabique Hispalam offers solutions included under **type 2**, consisting in two light sheets with perimetral elastic bands.(SILENSIS 2A).

Enclosures:

With our **HispaPlano Triple** large size brick house enclosures are quickly and superbly executed and includes special pieces for **corners** resolution.

## ASSEMBLY PROCESS



Mortar after the guiding tubes device (**Pasatubos HispaPlano**) is placed.



easily done.

Process starts by placing the Large Size brick **HispaPlano 100 % Instalaciones** over an elastic band (EEPS). Bricks are stick together with Hispalam

With our exclusive **PASATUBOS HISPAPLANO**, available only for **HispaPlano 100% Instalaciones**, horizontal channels are eliminated.



After this, the drywall panels are stuck. Finally, paper tape is applied over the joints spreading a first layer of joints paste. Then, a second layer of joints paste is applied. It is finally polished after it dries.

joints, a layer of special paper tape is applied. It is finally polished after it dries. It helps achieve the perfect and smooth paint finish demanded by all users.

Tabique Hispalam can **exclusively** be installed by approved companies that have been correctly trained to work with these products and system. This companies either have an ApTO certification, or have already applied for it.

### ALTERNATIVES

The alternative to Tabique Hispalam is the wall built with the same drywall panels installed over metallic stanchions instead of over a base of ceramic bricks.

Tabique Hispalam solution has **great advantages** over the metallic stanchions option:

- Do not produce a hollow sound.
- It remains inalterable over the years, don't get molds or fungi, screws do not come loose, prevents hanged objects falls and roominesses.
- Avoids echoes or reverberations inside the rooms.
- It has the consistency provided by ceramic brick that allows hanging heavy objects.
- Provides more security in case of burglary or break-in attempts.
- With the same finish and less cost complies with new Spanish regulations (CTE) in terms of acoustic isolation, fire resistance, healthiness, etc..

### RECOGNITION AND QUALITY CERTIFICATION

Tabique Hispalam, has been certified by the ITEC (Constructive Techniques Institute) with the concession in 2007 of **DAU 06/41** for its system, as published on **BOE nº 57, 7<sup>th</sup> of March of 2007**

This document gathers all the characteristics and qualities of the products that conform Tabique Hispalam and its correct assembly process.

To achieve this certification,, both Tabique Hispalam and its basic component, HispaPlano 100% Large Size Clay Brick passed the most strict and complete tests in laboratories certified by ENAC, that guaranty their quality in terms of Acoustic isolation, Thermic isolation, Flatness, Absortion, Relative and Absolute Density, Resistance to Compression, Resistance to Flexion, Resistance to Fire and Impact, etc.

Tabique Hispalam, after visiting the work location, issues a **Final Certification** that verifies both the quality of the products used, and the correct execution by the Installation company.

Cerámica Acústica S.L., the only company in Spain that produces Large size clay Bricks with 100 % flatness, has published its fourth edition of the **Dossier de Ensayos y Certificados** (Tests and Certifications) in February 2008, in which, in more than 100 pages it gathers some of these Tests and Quality certifications, all of them done in independent laboratories certified by ENAC.

### TECHNICAL CONSULTANCY

Tabiques Hispalam **Technical Department** offers advice on works execution, acoustic studies, and technical support for our clients and technical departments, architects, etc..



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