

1 Since when does this innovative Panel Rey building system exist?

Panel Rey launches in Mexico its "Panel Rey building system" back in 1968.

2 Why is this system called "pre manufactured"?

Even though Panel Rey building system is not quite pre manufactured, it can be called like that for the possibility of pre manufacturing some of the parts of the project in the factory, to be taken like that to the construction site.

3 What is the contribution of Panel Rey building system to current architecture?

Panel Rey building system provides the current architecture an easier and more flexible interior/exterior design, as well as in facades, etc.

4 Why the topic on alternative building systems has become so important?

Because of the need for new methods to make building systems simpler, cheaper and quicker.

5 Which properties or special characteristics does Panel Rey building system offer?

Given the materials used in Panel Rey building system, its' main characteristics are: resistance, lightness, quick building, economy, cleanliness while building, long lasting, etc.

6 When building with steel, would there be any corrosion problem in the future?

No, because the steel used is galvanized, this prevents its corrosion.





7 Do all building systems offer the same?

No, not all building systems bring up so many advantages such as Panel Rey building system.

8 Which would be the components of Panel Rey building system?

Panel Rey building system is composed with galvanized sheet elements of different calibers. Which are: channels, poles, beams, union plates, angles; as well as self-screwed screws and plaster panels.

9 What is exactly a plaster panel?

The panel is a formulated plaster body processed between two cartons, which has enough shock and bend resistance to be placed in walls and soffits, and with an appropriate surface to receive any kind of finish.

10 In which fields of the building industry is the plaster panel used?

The plaster panel can be used in any area of the construction of buildings and houses, such as facades, interior and load walls, also as a protection against fires, among others.

11 Nowadays, that the environmental issue it's so important, what happens with Panel Rey products regarding this matter?

This system is environmentally friendly, since it is made with steel and does not require wood, therefore, does not represent any deforestation, and also steel is recyclable which allows its reuse.

12 Is it possible to make enlargements or modifications to old constructions with Panel Rey building system?

Of course, in addition the system has the advantages of being quick, light and clean during the construction. These characteristics make it ideal for this purpose.

13 What has Panel Rey done to become the top manufacturer of building systems in Latin America?

Panel Rey has worked hard to always have top quality products, such as its line of plaster panels and its line of steel profiles; in addition Panel Rey is present in all Latin America through its suppliers, providing competitive prices and technical support on its products

14 Are there construction of the Panel Rey building system kind all over the world?

There are similar building systems in North America, Japan and Europe that have been used for several years.

15 How does Panel Rey guarantees quality?

Panel Rey guarantees the quality of its products and building system by being conducted by all the national and international codes and regulations.

16 Are constructions made with Panel Rey building system really secure and resistant?

Of course, given the fact that a wide known technical backup supports this system.

17 Which new technical and esthetic contributions does Panel Rey offer?

Technically, Panel Rey offers lightness and resistance at the same time, this without affecting the possibilities to make any architectural design.

18 Have any lasting proofs been made in old structural profiles with Panel Rey building system?

Yes, there are houses built with this kind of structural steel in the U.S. for a hundred years.

19 Are there any research centers or labs that have analyzed the different components of Panel Rey building system?

Yes, and these analysis have been done in mexican as well as in american laboratories.

20 Are there national and international regulations of the different components of Panel Rey building system?

Yes, there are regulations for steel as well as for panels; there are Mexican ones such as NOM and internationals ones such as ASTM regulations.

21 Can all kind of national or imported doors and windows designs be adapted to Panel Rey's building system?

Yes.

22 Is there any economical advantage in using pre manufactured windows and doors?

Yes, because the installation of these is quicker, and this brings a reduction in the labor cost. place.

23 What could be said about placing decorative pieces in the perimeters of windows or front doors?

There is no problem in placing any kind of decorative pieces in doors or windows.

24 How much can one save in energetics to keep a nice temperature in a house built by Panel Rey building System?

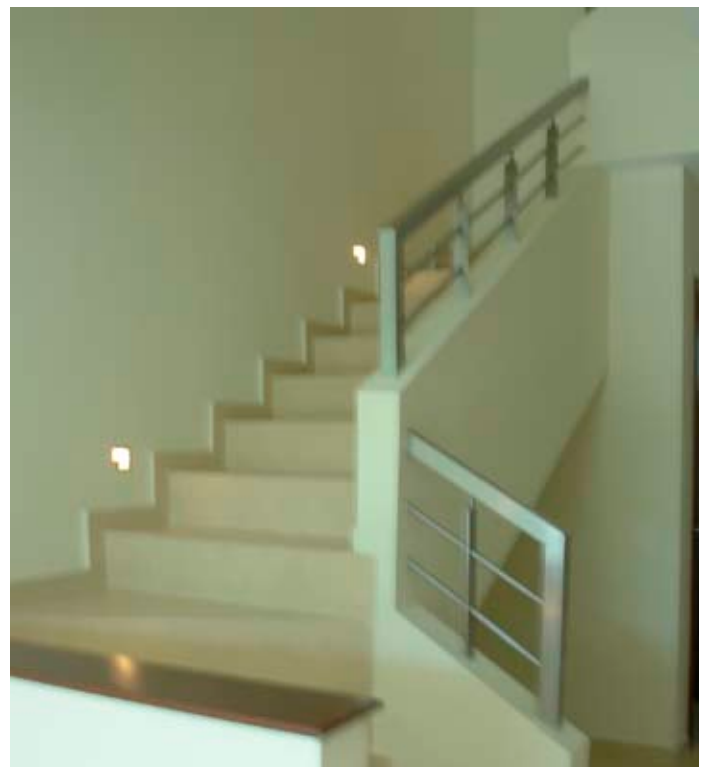
You can save up to 15% in energy, because with a good thermal isolation, which Panel Rey system offers, a smaller air conditioning system is required.

25 What happens to the properties of thermal isolation?

These reduce the heat transfer, providing a nice environment within the construction.

26 During the raining season, there is a lot of water condensation, how can this be forseen so it does not affect the front door walls?

This is no problem at all, since that with any exterior finish such as brick, cantera stone or sttucco the panel gets protected.



27 How are the thermal isolation values of a house built by Panel Rey building system determined?

The special thermal isolation products specify their resistance, R-11 for walls and R-19 for roofs which can increase in their resistance by layering or combining them with each other.

28 Can different levels of acoustic isolation be treated individually in the house, even if the walls look the same?

Yes, this depends on the type and thickness of the isolation that is installed on each wall.

29 What can the Panel Rey building system bring to a house's remodeling?

This system allows the enlargement of a house, as well as changing the front look, putting roofs on 2 downhill and any other kind of improvement.

30 What kind of finishes can go over a wall covered with plaster panel?

Brick, cantera stone, stucco, zarpa (superior thickness of foundation walls), almost any.

31 What is the maintenance required for a Panel Rey construction?

It must have the regular maintenance of any construction, on its installations as well as on its finishes, and roofs.

32 Is a house built with the Panel Rey system safe against robbery?

Sure, the walls made with Panel Rey's constructive system have a resistance large enough to provide a very good protection, besides the system allows placing protections on windows and doors.

33 How a Panel Rey system construction does react in case of fire?

There is no problem, since the panel is made out of plaster, and this is a not flammable material itself, and besides, it protects the structure against fire.

34 How are the profiles that compound the Panel Rey system designated?

These are designated according to the structural resistance of each one of them, and the weight analysis realized.

35 Which window clears can be used in a Panel Rey's Building wall?

Windows with a clear over 13.12 Ft. can be applied.

36 What is the difference between a division wall and a load one?

The function of the division wall is only to divide or separate, it does not take weight, unlike the load wall, which has a pillar of a thicker caliber to support pressure or weight.

37 Does the Panel Rey building system offer a group of products for homogeneous construction?

Yes, all the products that Panel Rey offers are perfectly compatible among them, which give us a homogeneous building.

38 Is it possible to take advantage of the structural elements that exist in a traditional construction to make an enlargement with the Panel Rey building system, for a second floor?

They are not completely necessary, but they can be used to bind the Panel Rey construction, to the traditional one.

39 Is a house built with the Panel Rey system, earthquake resistant?

Of course. Given the fact that this is a lighter system, it makes it less critical to earthquakes, since these affect heavier buildings. Besides it must be pointed out that there should always be made a prior earthquake study on the land.

40 How much does a Panel Rey construction weight?

75 kg/m².

41 There is a term that has been heard a lot lately -High impact resistance- Is the plaster panel truly resistant inside a house or building?

Of course, all the tests made to this panel guarantee the necessary impact resistance to be used indoors, as well as outdoors.

42 Is it possible to hang on plaster panels heavy objects such as heavy frames, shelves, mirrors, among others?

Yes, there are special nails for this purpose, which indicate the maximum weight they can handle. These can be obtained in any hardware store.

43 Can rodents go through a wall of plaster panel by doing a hole on it?

Even if rodents could gnaw the panel, the plaster panel is not appealing to them for its mineral nature.





44 Who are authorized to build with the Panel Rey system?

All of those authorized installers by the Panel Rey building system.

45 Are there any banking financing backgrounds for constructions performed with Panel Rey system?

Yes, there are

46 Does a house built with Panel Rey's building system has a contrary effect on its' added value?

Not at all. A house built with this system kept with a good maintenance will not lose its' added value.

47 If I sell my house built with the Panel Rey's construction system in 15 years, will I be able to do it without any acceptance problems for its' construction system?

In 15 years the system will be much more popular and people will be familiarized with it, so there shouldn't be any problem with this.

48 Why is it important to only use Panel Rey products in the constructions?

To be sure that only top quality products are being used, and to be certain that there is technical support behind every product.

49 Does the Panel Rey building system allow upgrading a construction according to my space needs?

Of course, you only have to be sure that all the panels that remain outdoors must have a special finish.

50 How can i contact a Panel Rey supplier?

To contact any of our distributors, you may call to our main office in Monterrey, Nuevo Leon, or to any of our branches in the rest of the country.