

XXVII PLADUR® BUILDING SOLUTIONS COMPETITION

“REHABILITATE FOR LIVING”

BACKGROUND

PLADUR®, pioneering company in the Iberian Peninsula in the manufacture of partition building systems and gypsum plasterboard ceilings, launches its annual Pladur® Building Solutions competition for the twenty-seventh year in a row.

COMPETITION RULES

ORGANISING ENTITY

PLADUR GYPSUM S.A., the manufacturing company of Pladur® systems, invites all architecture students interested in participating in this 27th Edition who comply with the following Rules for this Pladur® Architectural Solutions Competition.

PURPOSE OF THE CONTEST

The purpose of the competition is based on the use of Pladur® building systems, strengthening synergies between business and University, thereby seeking collaboration with all institutions which have close ties to architecture, in order to develop and promote its practice, teamwork and increase awareness of new architectural design values.

PARTICIPANTS AND REGISTRATION

Participation is open to **all students enrolled** in the **3rd, 4th, or 5th** year or in a **Master's programme** at any Technical School (Escuela Técnica Superior) or Faculty of Architecture in Spain and Portugal registered with the current edition.

In order to submit a project, the student **must** register in advance via the REGISTRATION section of the competition microsite www.rehabilitarparahabitar.com or from the Architects/Competitions and Awards/ tab on the Pladur® website (www.pladur.com).

With this registration, **each participant** will be assigned a code which will need to be included on the sealed envelope under a “Pseudonym” (participants’ real names remain undisclosed during voting) which shall be attached to each project. Projects may be submitted by individuals or teams of **no more than 4 representatives** (in this case, it will be necessary to include on the sealed envelope as many participation codes as team members).

In the case of team projects, participants may belong to different Schools, as long as they submit the project only and exclusively under the umbrella of one of the universities participating in the contest.

AWARD CATEGORIES AND PRIZE MONEY

A **Local Award** of **€400** will be awarded in each University. Local winners from each University will compete for the following award categories:

- **Best Architectural Solution Award - €6,000**
- **Installation Award - €3,000**
- **Pladur® BIM Special Mention - €500**

The winning project of the Best Architectural Solution category will not be eligible for the Installation Award.

All applicants will receive a BIM introductory course valued at €100. In addition, on the day that the prizes are awarded, 3 BIM Basic courses will be drawn among all finalists.

EVALUATION CRITERIA

- Originality of the proposal, as well as its design, functionality and architectural quality
- The Projects must include Pladur® Building Systems
- The use of energy-efficient solutions will be given special consideration
- Appropriate solution to the proposed programme
- Viability of executing the project

For the Installation Award, special consideration will be given to the viability of the proposal execution as well as its level of definition.

To be eligible for the Pladur® BIM Special Mention, it will be necessary to deliver, in addition to the rest of the documentation, a BIM model in IFC format of the project, using Pladur® BIM objects. An assessment will be made of the best use of Pladur® BIM objects in the development of the architectural proposal under BIM methodology.

PANELS

The Local Award Panel will be comprised of at least:

- A Pladur® representative or a person designated by the latter
- The Tutor/s or Coordinator/s of the competition in each university (without voting rights)
- A lecturer and/or local architect who is not linked to the coordination of the competition at the university

The panel's award decision is final and the panel may also declare the partial or total cancellation of this phase.

The Best Architectural Solution Award Panel will be composed of:

- A representative from the Higher Council of Colleges of Architects of Spain
- A representative from the Architects Association of Portugal
- Three architects with proven experience and professional standing
- Two representatives from Pladur®, one of whom will act as Secretary, without voting rights
- Two representatives from the Universities to act as advisors, both without voting rights.
- A representative of the students who won in previous editions.

Pladur® reserves the right to include on the panel a representative from an official body or any other kind of specialist in the proposed topic, with voting rights.

The Installation Award Panel will be composed of:

- Six representatives from companies that install Pladur®, with voting rights
- One representative from Pladur®, who will act as Secretary, with voting rights.

Use of BIM Objects Special Mention Panel will be composed of:

- A lecturer with expertise in BIM methodology
- An architect with expertise in BIM methodology
- A Pladur® representative

PROJECT DESCRIPTION

Over the past 27 years, students, lecturers and technicians have brilliantly responded to the challenges proposed by Pladur® to create architecture from a building system.

For generations of students, this represented an initial contact with a system which is widely deployed in the contemporary architectural panorama. The Pladur® competition has complemented the academic training of hundreds of students, connecting them to the professional world and becoming a cultural event.

Nowadays, the Pladur® Building Solutions Competition forms part of the architectural culture of many professionals.

For this 27th edition, the challenge proposed by Pladur® is to **design living spaces in the “Ilhas do Porto”**, from multi-family houses that developed inside the lots or in the backyards of the houses of the middle class with a common access from the street, but totally invisible to those who travel around the city. Many city centre inhabitants, particularly from low-income social classes, reside in the “Ilhas do Porto”. These places are a controversial interpretation of the spaces, but absolutely relevant when referring to urban regeneration.

This proposal aims to restore and adapt a disused area in Porto, as well as to address the existing housing needs of disadvantaged communities in: **A ilha proletária nº 10, no Porto / São Victor.**

“REHABILITATE FOR LIVING”
“REHABILITAR PARA HABITAR”

Far from creating a definitive solution to the complex problems in the “Ilhas do Porto”, we consider this initiative to be a contribution to better define the originality and quality of the elements that should be maintained to ensure the continuity of the living memory and community heritage.

PROGRAMME AND CONDITIONS

The programme to be developed consists of creating living spaces for families and students, based on the current situation, and creating common service areas in accordance with the supporting material provided on the Pladur® website.

The space in question is:

Ilha 10, Praça da Alegria nº 80

Area: 1,751 m²

Built-up Area: 1,399 m²

(2 floors 1,777 m²)

PROPOSAL

By maintaining access via Praça da Alegria, it is proposed that the following be created: **an architectural living space composed of 16 living units, a multipurpose common area and green spaces for community use (urban gardens)**. The construction must be light, sustainable and have a fast execution time frame.

The unit programme can be for a family of 3 to 4 members or for a group of 3 students, developed on 1 floor (ground + 1 floor) or 2 floors if the architectural solution is modular. The living unit will have a kitchen and living room, as well as the bedrooms and necessary services.

Multipurpose room of 80-100 m² to support the community. It will have a mini-library, an exhibition area and a kitchen area. This multipurpose room will be developed on the ground floor (possibility of an underground area).

SUPPORTING MATERIAL

Pladur® will provide all types of information to participants on its website www.pladur.com and on the specific microsite for this competition www.rehabilitarparahabitar.com. In addition, information can be obtained from our social media or by e-mail concurso@pladur.com to address your queries.

SUBMISSION REQUIREMENTS

- Preliminary Proposal with floor(s), elevations and sections which clearly characterise the implementation
- Energy rating of the resulting proposal after implementation (valuable, although not compulsory)
- Building details required to fully understand the proposal, as well as computer graphics and images of the latter (scale models are not accepted)
- Technical specifications, report and short budgetary summary by chapters, which shall be included on the plans
- To be eligible for the Pladur® BIM Special Mention, it will be necessary to deliver, in addition to the rest of the documentation, an IFC model of the project using Pladur® BIM objects.

Each University shall be free to choose the format in which the projects are submitted for review by the local panel, **provided that the winning project of the Local Award is presented to Pladur® in DIN A2 format on rigid media** (foam board or similar) and on a digital file (pdf) with a minimum resolution of 150 pixels per inch on a pen drive. Projects that are not sent to Pladur® in this format will not be considered.

PROJECT DELIVERY

The finalist projects (local award from each University) will be sent to PLADUR GYPSUM S.A. by the deadline of **21 April 2017**. **No more projects will be accepted after this date:**

PLADUR GYPSUM S.A.
Departamento de Marketing de Pladur®
Carretera de Andalucía, Km. 30,200
28340 Valdemoro (Madrid)

The date and place of delivery of the projects in each of the Schools and the review by the local panel, will be freely chosen by each school, while taking account of the deadline set by Pladur® for receipt of the projects (see previous point) which must be **publicly announced in the presentation of the competition**.

The project delivery dates in each of the Universities will be published on the Pladur® website once they have been communicated by the Universities to the competition organisation.

AWARDS CEREMONY

All awards will be presented at a ceremony that will be held at a time and place to be announced. (Generally during the month of June).

At this awards ceremony, the students may present the winning project through a brief public presentation. In addition, the winners of the previous edition, if they so desire, will be invited and will be responsible for presenting the award to the new winners, thereby creating a link between editions.

SUBMISSION RULES

- The project will be presented under a “Pseudonym” (participants’ real names remain undisclosed during voting) along with a sealed A4 envelope outside of which will appear the chosen pseudonym and the code assigned to each of the participants during prior registration. Inside the envelope, the following will be clearly reflected on an A4 sheet of paper: the pseudonym and the personal details for each participant (given name, surnames, School, code, e-mail address, address, postal code, tax ID number (N.I.F.), nationality and contact telephone number(s))
- The following shall not appear on the plans: name, code, University of the participant(s)
- Each plan, **which shall be numbered**, must clearly reflect the “Pseudonym” in the **top right corner**.

- Along with the project, the following documentation must be submitted on a pen drive:

A **PDF** file (with a **minimum resolution of 150 pixels per inch**) for each submitted plan, up to a maximum of 4

A brief Curriculum Vitae in Word format and a passport-size photograph of each of the team members

LEGAL ASPECTS

- PLADUR GYPSUM S.A. may declare invalid, thus disqualified from the competition, any project which upon opening of envelopes does not fully contain the requested information, including the registration code or which breaches established technical assessment criteria.
- The projects that are not selected may be collected in each School, at the place and as determined by each School, after the award, public announcement of the winners and communication of awardees.
- The projects which have been awarded, at any stage of the Competition, will become property of PLADUR GYPSUM S.A.
- PLADUR GYPSUM S.A. shall request from all winners, via e-mail, the data required in order to proceed with payment. The request date of said data will be subsequent to the awards ceremony and will have an expiry date which will be conveniently communicated to the winners. Once the time period to receive this data has elapsed, the payment of the awards will be made via bank transfer; those awards for which correct data was not provided on time will be excluded.
- In the case a winner in any of the previously mentioned categories does not receive the corresponding award within the specified periods, this can be claimed at concurso@pladur.com
The reclamation right of said award shall expire in the month of December of the year in which the prizes are awarded.
- Without prejudice to the recognition of their status as authors of the projects and to the rights which correspond to them as such, the awardees authorise PLADUR GYPSUM S.A. to publish and disseminate the awarded projects by any means, jointly or individually, transferring to PLADUR GYPSUM S.A. all the rights to exploit Intellectual Property which may be generated from the resulting publications, without any territorial or time limitations and without giving assignors the possibility to claim any compensation (monetary compensation or any other type).

- For commercial and promotional activities, PLADUR GYPSUM S.A. will create a database containing personal data and documentation received, under which interested parties may exercise their right to access, rectify, cancel or object in accordance with the legislation in force, by calling the free telephone number (+0034) 902 023 323.
- All attendees at the Awards Ceremony, media representatives, panels or directors from the participating Schools or Faculties, accept and authorise PLADUR GYPSUM S.A. to publish and disseminate images and photographs generated at the said ceremony, for strictly promotional and advertising purposes, without giving assignors the possibility to claim any compensation (monetary compensation or any other type).