

## ARCHITECTURAL DESIGN CONTEST “THERMAL REHABILITATION OF CITY BLOCKS IN TIMIȘOARA”

### Goal of the project

Large areas of many Romanian cities present usually five or eleven story constructions, organized in closed patterns, offer a very strange image with punctual thermal rehabilitation for a single apartment or a single staircase in a building having 2/3/4 entrances and private owners. The lack of knowledge or experts advice is reflected in the last two decades of facades and roofs rehabilitations.

As a didactic exercise, together with the one of the largest company that produces construction materials for ETICS system (Baumit), during the last two academic years we developed a project for one of the 4th year discipline, Construction Physics in which the students could produce fresh ideas to obtain a unified architectural image.

### Short description of the project

Urban and thermal rehabilitation for concrete prefabricated panel blocks – student ideas.

### Project implemented by

4th year Architecture students from the optional project Construction Physics

### Implementation period

15.04.2016–15.07.2016



### Main activities

The whole study had one technical part considering the necessary isolation (with thermal calculation) and the other one, more architectural, was promoted as a competition, with real prizes to stimulate the participants, also having chromatic constraints given by local regulations.

### Results

Considering the importance of managing a unified image for these specific collective houses and the idea of finding a concept capable to be reproduced at a large scale, the results show that young specialists can have an interesting perspective over buildings older than their own age. The common interest coming from an “outsider” prevailed the individual concerns.

### Applicability and transferability of the results

Faculty and City hall exhibitions, Baumit materials

### Financed through/by

BAUMIT ROMANIA COM S.R.L.

### Research team

Arch. Catalina BOCAN (from UPT)

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