

4th Concrete Design Competition

**MONO
LITHIC**

20092010

**EXPLORING
VERSATILITY**

curated by

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www.concretedesigncompetition.com

TURKISH JURY REPORT

Place of Meeting: Istanbul Technical University, Taşkışla Campus, İstanbul

Date of Meeting: 27th of May, 2010

Jury Members at the meeting:

Mehmet Konuralp (Chairman)

Hüseyin Kahvecioğlu

Serhat Kiraz

Victoria Diaz Saravia

Intro:

Participants were asked to investigate some clues relating to the monolithic “exploring versatility”, and elasticity of concrete, observing its genetic and analyzing through research and design.

14 different projects were sent to the 2009-2010 Concrete Design Competition by students from architectural, engineering, design departments and related fields of the universities. The projects were reviewed by jury members.

Evaluation:

14 projects were submitted to the competition with the participation of 25 students from 8 universities. The project coded IS113 was disqualified due to the use of designer’s identity on the competition panel. Besides disqualified one, all of them were analyzed by the jury respectively, and then the jury performed a common evaluation and discussion on the projects. The decision was based on attractive and creative proposals made on 3 main approaches; the properties of concrete used, production process and utilization areas (construction).

Elimination:

The project "City Synthesizer" with the code SO171 displays a positive approach to analyze the problems of discontinuity and division of historical walls around the cities but has a negative approach based on the suggestion requiring deep and comprehensive "structural interferences".

The project titled "Living Concrete" with the code SO171 is considered by the jury as an intellectually mature suggestion based on the use of concrete displaying variations by the interaction of light, radiation and sound. However the remarks related to how the variation, creating substantial and effective results would occur, was not considered as clear and explanatory enough.

The project titled "MonoMorphosis" with the code AB423 has got attention for the main idea's simplicity and high quality of expression. However, the usage and opportunity variety depending on time-related demand change- developed by repetition of a single component is found limited. The reason of working with concrete instead of utilizing different materials which could also form the basic component was not clear.

The project titled "Adaptation to time – to light" with the code LH503 provides substantial and high potential usage area for concrete qualified with "photoluminescence". This potential was used limited and at object scale.

The project titled as "Hopscotch" with the code JG276 has an interesting suggestion based on the created playground by using light inside the impermeable concrete surface. However, the result of this originality could only be achieved by additional lighting system and instalment.

The project titled "Social concrete cube" coded ND246 presents much usability with simple geometrical movements. The negative side of the project was that it didn't try to overcome the classical usage of concrete.

The project titled "Transition from surface to volume" coded MS248 was successful on main idea, formation process and the preciseness of the presentation for all these ideas. The deficiency of the project was the insufficient expression of the innovation or difference expected to be achieved on the way to conclusion.

The project titled as "Chain" coded BS184 presents rather rich usage and facility through different combinations of the single basic component. Depending on this view, it was considered very successful; however, it was noted that the solution proposal on the combination of basic elements was not well advanced and appropriate with the nature of the element.

The project titled as “Memory of a liquid essence” coded NK051 has got attention on detail and qualified presentation for material research and development. The criticism was on the proposals on concrete properties and production process which were not able to solve all the problems and also incapable of displaying the potentials of the material proposed by presented structural design.

The project titled “Silk Concrete” coded BP143 is seen as quite successful because of the accurate and attractive references given to the nature on the way to creating main theme and innovation created by the feature brought to material. It was noted that the idea of combination solution of basic components which was critical for reflecting the design idea to an innovative production was not developed sufficiently.

Awarded Projects:

The projects, which presented themselves by using the keywords as: “Sound sensitive concrete”, “iridescence”, “negative monolithosphere”, “memory of a liquid essence”, and “silk concrete”, stood out based upon the level of proposals presented, answers to the expectations raised by the main theme of the competition and the successful expressions.

The project titled “sound sensitive box” coded SS290 was awarded since it was built on concrete utilization having a feature that turns color by the energy created by sound. Main proposal of this project presented was meeting the requirements of the theme “monolithic” through using single space, color changes connected to sound or providing differentiable features bound to interaction with environmental aspects.

The project which was awarded was titled “iridescence” coded DU361 and it aimed at creating multi-level perception by the string of translucent surfaces. It succeeded in transforming a mechanism which would create superb sensation alternatives on multilayered and transparent layouts by using color.

The project titled “negative monolithosphere” coded SV812 was awarded since it had the proposal of floating translucent concrete block in a volume shaped in Lithosphere. It was successful in reflecting conceptual approach to the objectivity and contrast formation of concrete to general sensation.

MEHMET KONURALP (Chairman))

HÜSEYİN KAHVECİOĞLU

SERHAT KIRAZ

VICTORIA DIAZ SARAIVA