

## The Troldtekt Award 2018 – Jury's report

### **FIRST PRIZE (5,000 euro)**

**“Coral”** – Proposal 56558

The Coral proposal works with the Troldtekt material in a completely new way, suggesting a revised production method as well as a surface design that emerges as the direct product of the proposed production mode.

The material surface resulting from this method creates a powerful, sensual atmosphere in the visualised spaces shown in the entry. The Jury sees great potential for this kind of product. The proposal shows the product being used as wall treatment, the image allows interpretation of the wall as diaphanous screen or as an element lit from behind. We see the possibility of further uses as a cladding material for ceilings, as a room divider, or for more informal uses. The modelled surface would allow for plays of light, indirect aural and visual personal contact, as well as the possibility of varying scales of sound absorption.

Even more mundane and practical uses can be imagined (use as a new kind of thermal insulation, or as a packaging material, for example)

The surfaces resulting from the proposed production technique can be customised. This would allow for varied surface treatments, from random and unique, one-off patterns to more structured ones.

The openings in the material allow the acoustic effect to be customised and varied. Any sound reflections will be dispersed in different, random directions due to the surface designs possible.

Production techniques are indicated in the design entry and would need to be developed further to create a feasible production method.

The presentation itself is a joyful expression – imprecise, allowing multiple interpretations of how the idea can be used. The pattern is well conceived and has potential to be developed as a production technique, showing new thinking that integrates production and design.

### **SPECIAL PRIZE (1,000 euro)**

**“Soundshade”** – Proposal 71492

Soundshade convinces the Jury as an idea due to its simplicity: easy to hang, it allows for variation and flexibility in surface treatment.

The entry takes the Troldtekt material as it is, adding simple but ingenious hardware that expands possible applications. The resulting construction and assembly concept is simple and low-cost, increasing the idea's viability.

The proposal shows Troldtekt panels that can be moved and folded as a curtain. The acoustic effect of the curtain-wall can be modified to handle different scenarios with a minimum of effort. The Jury saw additional possibilities to use the proposed product design as a ceiling panel, with foldable and movable units that allow

for different uses within a single space. The absorbers could be folded and concentrated in one area, either to provide more absorption in part of a room, or to allow for ceiling revision and maintenance.

The hanger-system would need to be developed as a product, which we think would be worthwhile. The idea has the potential to be used in more ways than shown in the design entry.

The beautiful collage graphics are also convincing: the presentation is consistent with the design idea, achieving maximum effect with a minimum of technology. The collage graphics embrace the craft quality of the material itself, suggesting manifold potentiality and encouraging our own interaction with the project.

## **HONOURABLE MENTION**

### **“Rescue House” – Proposal 82230**

This radical proposal – using a single material to construct a dwelling – and the crisis situation of “rescue” addressed, is a solemn call to find effective ways to attend to the fundamental human need for housing.

We found the proposed use of Troldtekt as the single material for temporary, emergency housing appropriate: The indicated use integrates construction and thermal insulation within a single wall panel, reducing construction complexity while exploiting the insulating qualities of the material. Particularly convincing were the assembly drawings and diagrams: the panels and various parts of the construction are shown to be assembled without the need for tools.

To make this a viable proposal, one would need to develop a surface coating material as protection against sun and rain. Panels with structural reinforcement would also need to be developed.

The concepts of modularity and reuse were well developed in this scheme. The proposal allows for simple assembly and disassembly, allowing for compact storage and reducing the complexity of transportation. Ease of storage and assembly are central to this concept, as rescue housing is not a permanent affair but rather needs to be responsive to unpredictable situations.