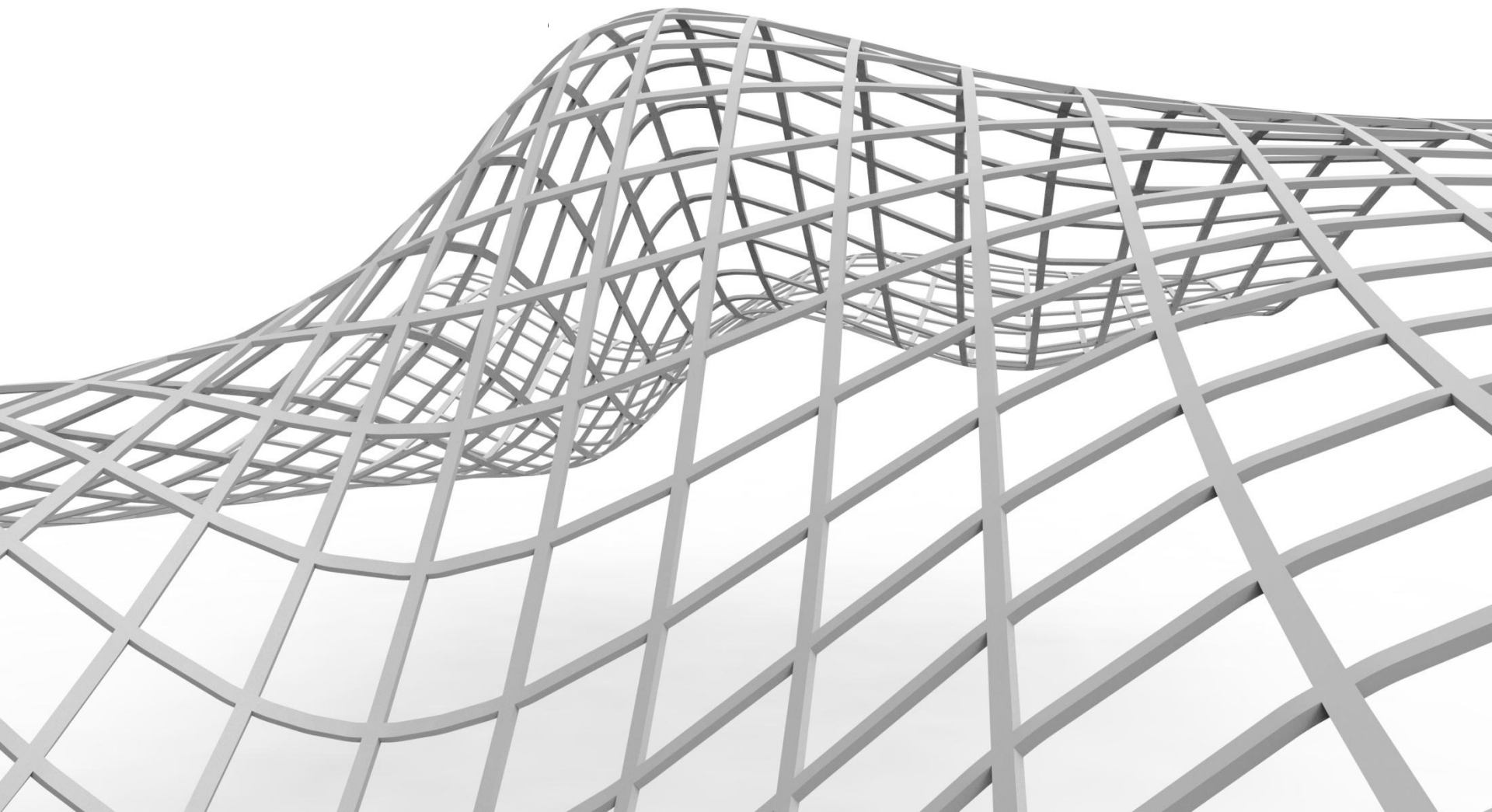




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**New bending technology**

**Fully patented**

**No mold construction**

**Large freeform structures**

**Cost-efficient**

**Customization**

## Architecture

- Structures including static reinforcement
- Staircase construction
- Walls
- Sculptures / Artworks
- 3D Facade elements

## Landscape architecture

- Outdoor / garden design & individual pots

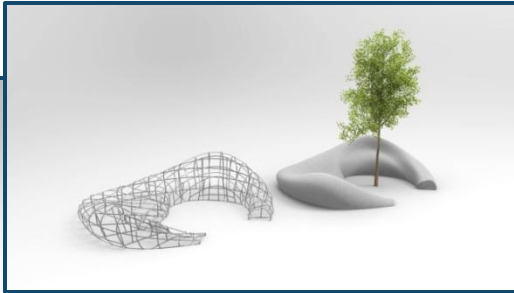
## Interior design

- 3D acoustic panels – sound absorption
- Furniture
- Lamps

# Applications II

# CLEVER CONTOUR

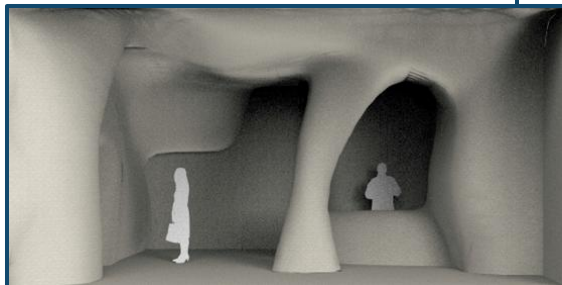
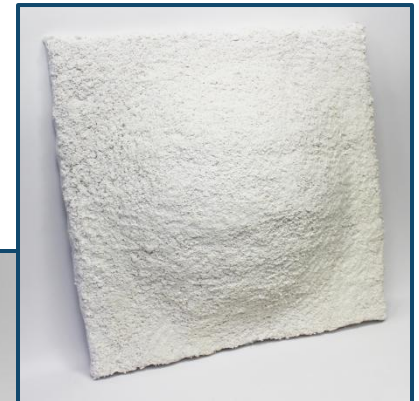
Landscape Design



Freeformed Acoustic Panels



Concrete Freeforms



Interior Design

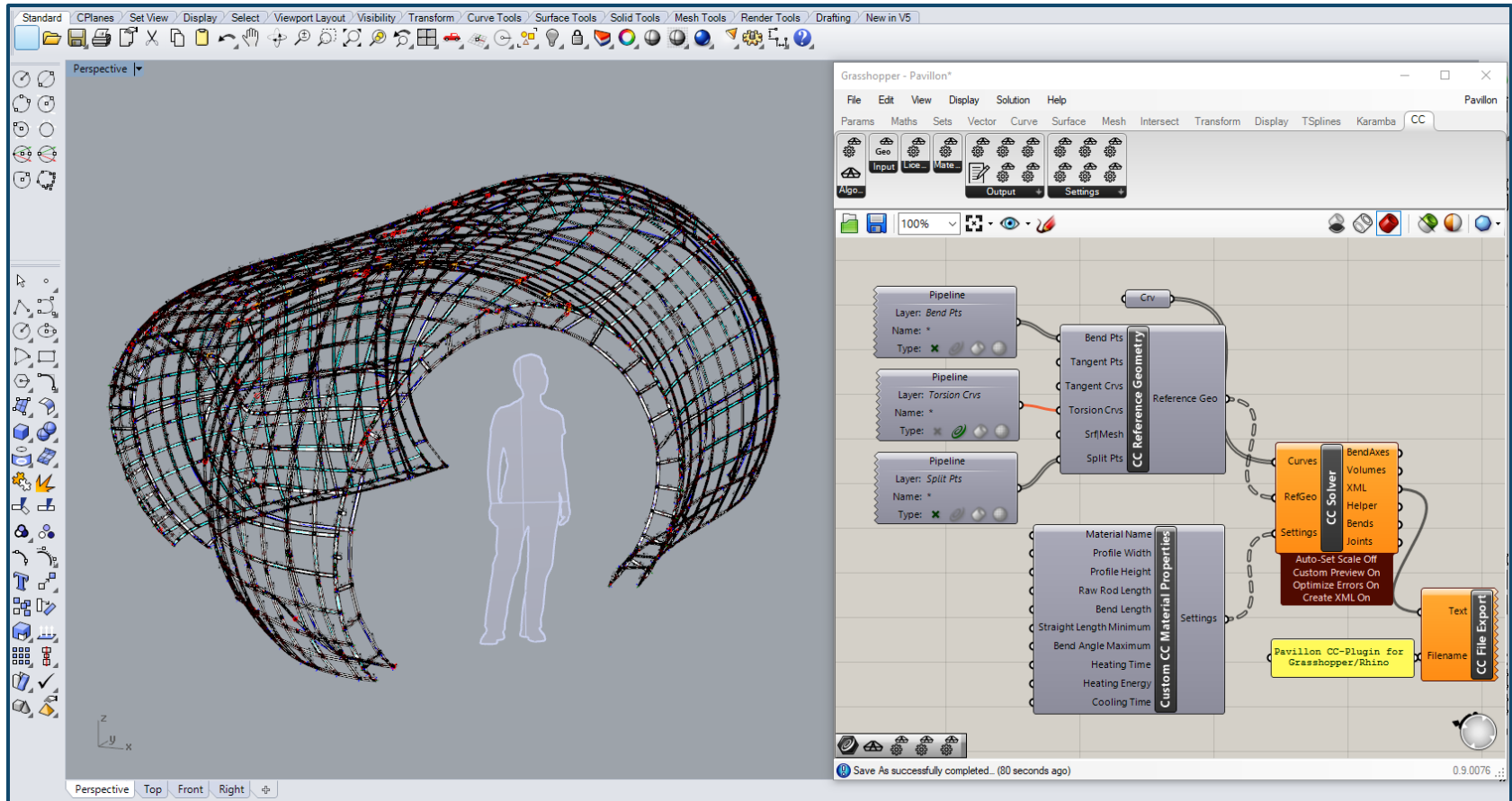
Freeformed Stairways



Concrete Rocks For Climbing

# Front End – Grasshopper Plugin

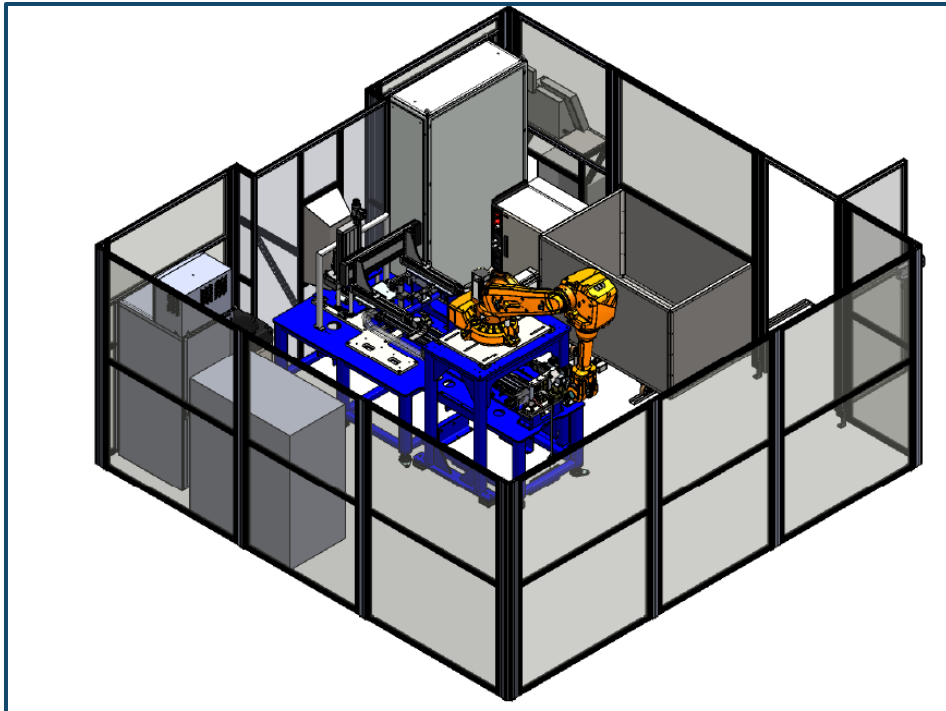
# CLEVER CONTOUR



design in Rhinoceros + Grasshopper

# Serial Prototype – Tobelbad/ Styria

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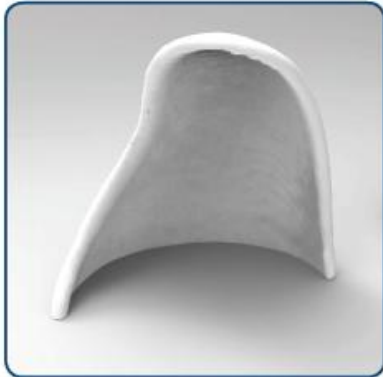


# Project EVO – Manufacturing

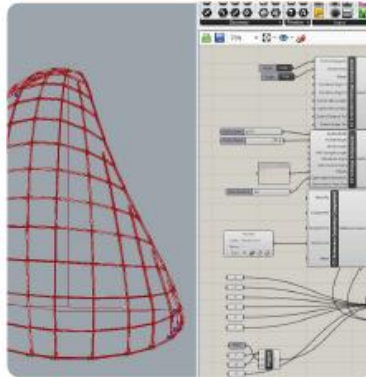
Closed Process Chain

## CLEVER CONTOUR

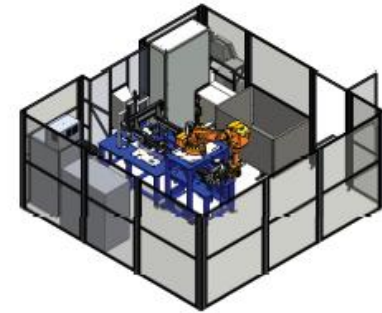
3D scan/model



CC Plug-In



bending process



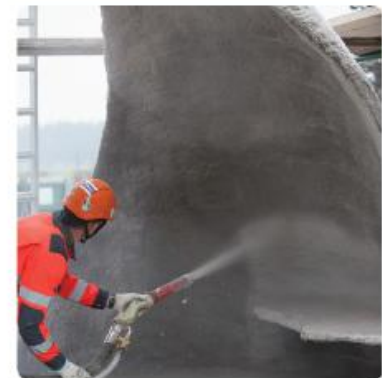
structure assembly



wire mesh covering



shotcrete



# Bauakademie / Guntramsdorf / EVO

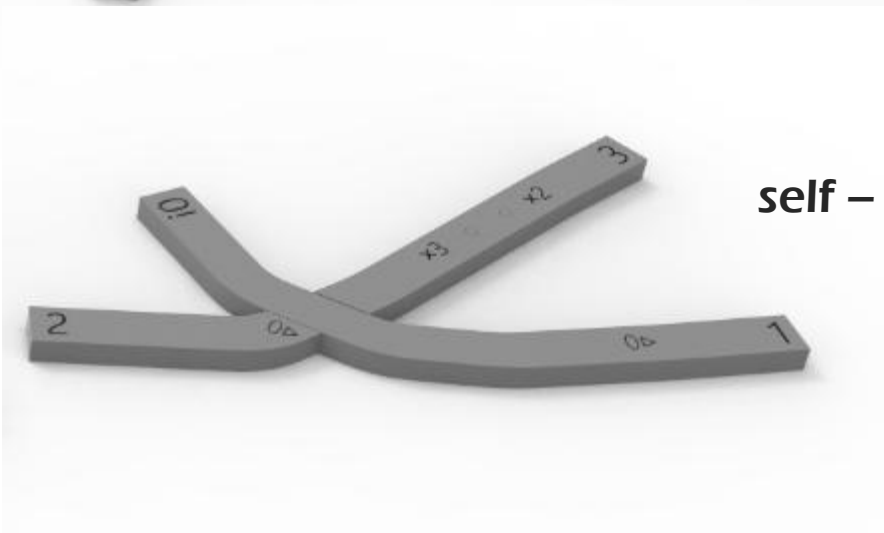
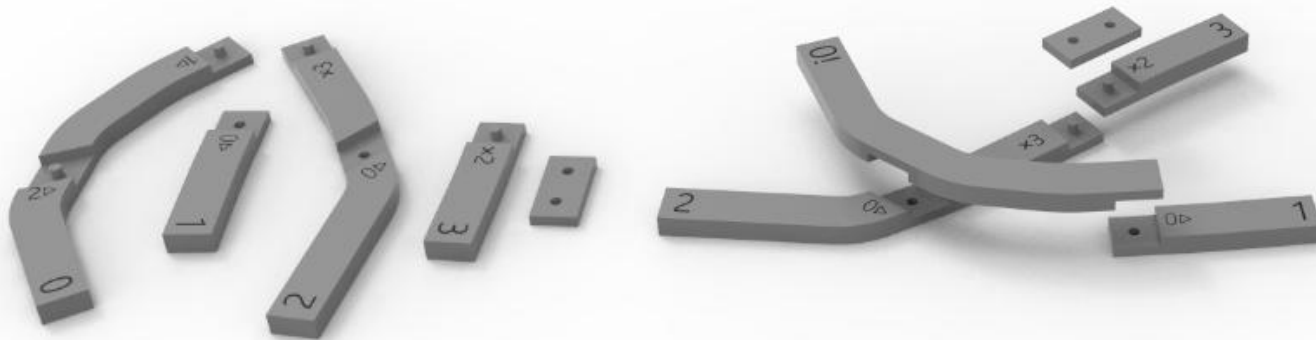
Products without mold / without formwork construction

## CLEVER CONTOUR



# Guidance System For Assembly

## CLEVER CONTOUR



self – explanatory guidance

# Reinforcement

steel & carbon textile

# CLEVER CONTOUR



Source: TEXon – Bewehrung für Betonteile

# Ideas & Development

individualized garden homes (UD33)

Products without mold / without formwork construction

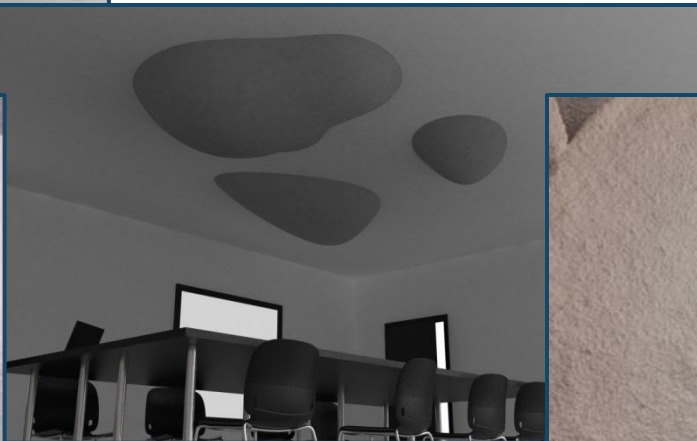
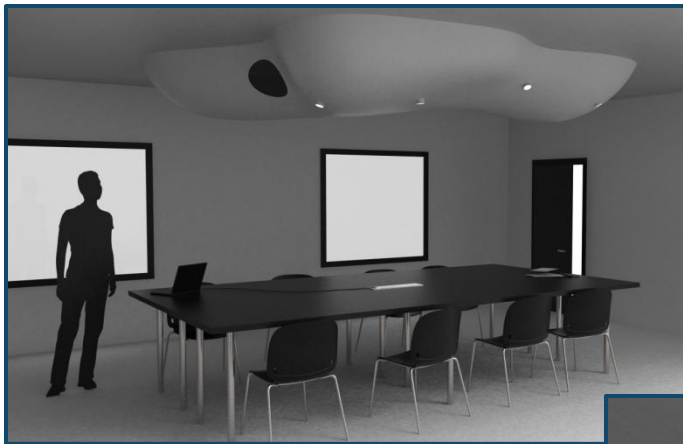
## CLEVER CONTOUR



# 3D Acoustic Panels – Sound Absorption

Interior Design

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# **CLEVER CONTOUR**

Generative Fertigungstechnologie

