Ruga Interior Skin (RIS): concept

Bathroom Stall: Copper Veneer
Pendant Light: Polyester Felt
Sun Screen: Laser Cut Aluminum
Pillow: Recycled Cotton
Partition: Vinyl Cut Out
Wall: Three-Dimensional Fabric

Ruga Interior Skin: Recycled Polyester Felt
Ruga Interior Skin (RIS): Yoshimura Pattern

Yoshimura pattern allows the form to reduce the dimensions in all directions when compressed or folded.

Paper folded model showing the arch and its flattened form.
Ruga Interior Skin (RIS): Yoshimura Pattern and Topology

Regular

Irregular
Ruga Interior Skin (RIS): digital simulation

varied Yoshimura pattern and its simulation

sheared Yoshimura pattern and its simulation
distorted Yoshimura pattern and its simulation
Ruga Interior Skin (RIS) : metamorphosis

Similar to Fashion as a flexible layer of protection, RIS intends to bridge the conceptual connection between human body and the environment.
Ruga Interior Skin (RIS) : visualization
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Ruga Interior Skin (RIS) : making
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Ruga Interior Skin (RIS) : material

- high density polyethylene
- paper mache
- stiffened leather

recycled non woven Polyester Felt