

LAVA-Volcanic Architecture

Tucson Mountain Residence



Rincon Mountain Residence



Photos compliments of: the Design Build Collaborative

San Cayetano Mountain Residence



"Buildings must: stand strong and long, keep their inhabitants warm and cool and safe and embed themselves in the earth in a respectful and honorable manner. Scoria presents itself as a material of this place and of a timeless nature. It is a magnificent gift from the earth if wisely integrated into an architectural program."

Paul Weiner, Architect

LAVA - Volcanic Architecture

LAVA a New Building Process and Material

Is an improved **vertical concrete**: with remarkable 3-D usefulness

- LAVA is a self-supporting **semi-fluid**. It forms like a sandcastle
- Like concrete, LAVA forms to any shape, then hardens forever
- Integrate structure & aesthetic detail within the same casting
- Cast entire houses in a lightweight & high performance stone

Scoria a Volcanic Aggregate

Adds time tested performance value **naturally & permanently**

- Excellent sound & thermal qualities.
- Totally un-burn-able architecture: (walls & fireplaces alike)
- Solid, un-fade-able, crack-resistant earth tones: (red or black)

a Timely Combination:

A forever creative & eco-friendly **low-tech** building material, which, **for sustainable architecture/design**, arguably outperforms most building materials available today. It's Stone Architecture:

Where spectacular design, down to the detail, endures timelessly.

Simple:

LAVA brings fresh opportunity to creative design, in an intuitively simple "one-step", raw-material to finish-wall process.

Think;

21st Century Adobe, for an Age of Detailed Stone Architecture



Black



Red



Black & Red



Planes



Curves



Details



Process and Equipment
Developed by:

LAVA-Volcanic Architecture

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LAVA is Architecture for Life