



# STONE·PLY

real stone real strong real thin

GRANITE | MARBLE | ONYX | ALABASTER  
4400 ONEAL STREET GREENVILLE, TX 75401

903.454.0904 phone 903.454.3642 fax  
www.stoneply.com info@stoneply.com

## Technical Bulletin

### StonePly and the Ecology

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## NATURAL STONE, NATURALLY BEAUTIFUL, NATURALLY GREEN.

At StonePly, we strive to be responsible members of the global community. While we all want to “save the world”, being environmentally responsible is also simply good business: good for our clients, good for our suppliers and good for us. We care about the environment, both in the production of StonePly natural stone panels and in their end use.

## THE OUTDOOR ENVIRONMENT

- StonePly’s light weight reduces transportation costs and fuel consumption, this reduces transportation pollution by up to 80%.
- StonePly uses less material to produce than a comparable thick slab stone facing
- Reduced weight reduces the structural requirements to carry the weight. This translates into reduced material usage in the buildings structure
- The aluminum honeycomb and ACM is recyclable
- Stone ages gracefully. Stone in all its variety: Marble, granite, limestone, travertine is one of the most long lasting, weather resistant and durable materials. Since stone lasts, it does not need the kind of regular disposal and replacement some cladding materials do.
- StonePly stone panels do not need painting or surface finishing. This eliminates the solvents, waste and energy consumed by painting and maintaining painted surfaces.



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#### THE INDOOR ENVIRONMENT.

StonePly granite panels are dense, durable and easily cleaned, they do not promote the growth of mold and bacteria.

StonePly stone panels are waterproof.

The aviation epoxy adhesive used in the construction of the panels has a very low VOC and does not present an “off gassing” problem in interior construction.

StonePly granite panels are safe for use around food, for counters and on other food contact surfaces.

#### STONEPLY NATURALLY GREEN PRODUCTION

In the StonePly production process, the waste is controlled and water is recycled in the plant. Eco friendly epoxy and recycled aluminum are used. Waste streams can be recycled, the aluminum can be recycled and the stone re used. Practically every piece of limestone, granite or marble taken into our production facility is processed into a usable product, including powdered marble and granite dust from the wet saws.

#### STONEPLY NATURALLY GREEN TRANSPORTATION

Because StonePly weighs so much less than thick granite, marble or other stones, the transportation cost and fuel used in transportation is reduced. This can add up to fuel savings, and pollution reduction of up to 80% when compared to comparable cladding products.



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### STONE PLY NATURALLY GREEN BUILDINGS

StonePly is durable. Durable materials like stone reduce waste, they last and do not need replaced as often and do not need to be disposed of every few years. StonePly saves money, energy and waste by reducing the need for replacement. It does not need repainting or other extensive maintenance.

### STONE RESOURCES AND SUPPLY

Some of the stones we use come from quarries with limited supply. Because StonePly uses less stone, that supply can go farther. Other quarries have enough stone to last for tens of thousands of years