



STONEPLY
real stone real strong real thin

StonePly®: Canadian Projects

Real Stone. Real Strong. Real Thin.

IDEAL SOLUTION:

StonePly® offers an ideal solution for your stone cladding needs. StonePly® is a natural stone layer bonded to a high strength aluminum honeycomb backing.

BENEFITS OF STONEPLY STONE PANELS:

- The beauty of natural stone - granite, marble, limestone, travertine, onyx
- Light in weight
- Strong. 60 times the impact strength of 3 cm. granite
- Both face and back of panel are tested as noncombustible per CAN/ULC-S114-5
- Choice of any granite, marble, or other stone from anywhere in the world
- Polished, flamed, bush hammered, honed, or sandblasted finishes available
- Bond has been tested at a wind load capacity of over 400 psf
- Holds up to freeze-thaw and seismic racking
- Resists large missile impact and hurricane loading
- Easier color blending and matching
- Reduced installation time
- Reduced installed cost
- Larger size stone panels and higher wind load capacities than thick slab stone
- Stone is permanently bonded over every centimeter with aviation quality epoxy
- Available prefabricated into wall panels or easily set individual panels
- Simple quick installation system allows for fast install
- Real world tested for over 25 years

BASIC USES AND APPLICATIONS

StonePly® is designed as a high quality stone cladding system for use on walls, soffits, canopies, fascia, cornices and accent bands. StonePly® is used on hotels, office towers, retail complexes, condos, educational buildings and medical facilities.



STONEPLY®
www.stoneply.com
903.454.4630

TESTING AND CODE COMPLIANCE

When properly installed, StonePly® complies with the requirements of the National Building Code of Canada and the provincial building codes for both small buildings and large and complex Part 3 Buildings up to any height.



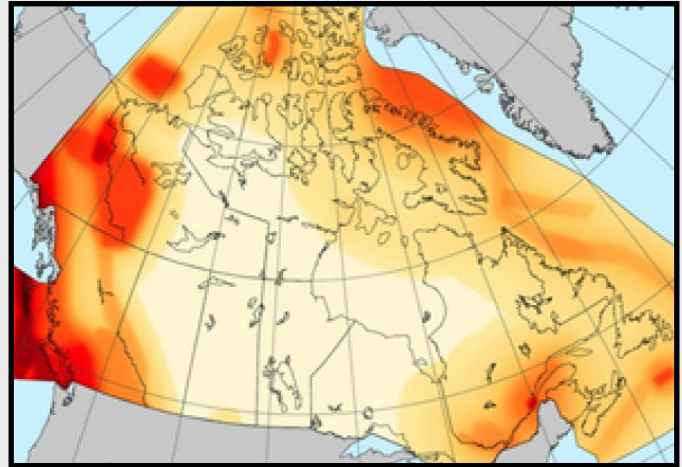
FIRE RESISTANCE: STONEPLY® IS A NON-COMBUSTIBLE ON BOTH FACE AND BACK PER CAN/ULC-S114-5

In many applications, Canadian building codes require a non-combustible face and a non-combustible back on a cladding material. This provides protection from flame spread both on the face of the panel and inside the wall cavity. Per the National Building Code of Canada. "Noncombustible means that a material meets the acceptance criteria of CAN/ULC-S114-5, "Standard Method for Determination of Non-Combustibility in Building Materials". Non Combustible testing (CAN/ULC-S114-5) requires that a material be subjected to an intense 750 degrees C furnace to prove it will not burn, add heat, flare up or ignite. With StonePly®, both the natural stone face and the aluminum back are proven noncombustible and meet the CAN/ULC-S114-5 requirement.

Designers and specifiers should note that fiberglass backed aluminum honeycomb panels do not meet the criteria of CAN/ULC-S114-5.

For additional testing information please visit <http://www.stoneply.com/testing.php>

SEISMIC



MAP OF THE SEISMIC ZONES OF CANADA.

In an earthquake, StonePly® panels can flex, twist and move with the structure. While traditional stone slabs crack and break when stressed, the composite structure of StonePly® allows the stone to flex with the aluminum.

In earthquake prone regions, the use of StonePly® offers several benefits over traditional stone panels and stone cladding.

StonePly® is lighter in weight than slab granite, marble, travertine, limestone or precast concrete.

StonePly® is reinforced throughout. Because the aluminum is bonded to every square centimeter of the stone, there are no unreinforced areas in a StonePly® panel to break off in an earthquake. StonePly® has the ability to deform and bend.

ABOUT US

StonePly® is a multinational manufacturer of exquisite composite panels offered in a comprehensive line of stones. We offer one of the largest selections of stones in the world. We have had the pleasure of working on some of the world's finest and most beautiful buildings as well as fulfilling the needs of smaller projects. We are renowned for our ability to take any concept or idea and see it through to truly stunning results.

PROJECT SHOWCASE

BCBC, Montreal, Quebec

Rolex ,Vancouver, BC

Grant Thornton LLP, Edmonton, AL

Morgan Stanley, Calgary, AB

Morgan Stanley, Toronto, Ontario

Atlantis Hotel & Resort, Bahamas

Embassy Suites, NJ

Hyatt Regency, San Antonio, TX

Padre Hotel, Bakersfield, CA

Palmilla, BC, MX

Tommy Hilfiger, New York, NY

University of California, San Diego, CA



PANEL WEIGHT AND THICKNESS

| Component | Standard (in) | Metric (mm) |
|--|--|----------------------|
| Panel Weight | 3.5 lbs/ft ² | 18 kg/m ² |
| Nominal Thickness | 9/16" 15/16" | 14 mm 24 mm |
| Standard Panel Size (made to order) | 48" x 96" (4'x 8') (Larger panels may be available by special order) | 1524 mm x 2845 mm |

STONEPLY®

Phone: 903.454.4630

Physical: 4400 Oneal St., Greenville, TX 75402

www.StonePly.com • info@StonePly.com