

BAST ARCHITECTURAL SURFACES

PRODUCT DATA SHEET

January 2018

BAST NATURAL STONE PANELS – ALUMINUM BACKING

PRODUCT DESCRIPTION

BAST Natural Stone panels are ultra-thin stone panels adhered to an aluminum backer that strengthens the stone, increases the opportunity of applications, eases the install while not compromising the look of natural stone.

RECOMMENDED APPLICATIONS

Interior surface applications only - Wall features, showers, bathrooms, elevators, furniture, doors, bars, and more. Do not use on exterior applications and areas exposed to excessive heat or high humidity.

PRODUCT COMPOSITION

BAST Natural Stone is manufactured by laminating ultra-thin 5mm stone panels to a 3mm aluminum backing using ultra-strength epoxy.

CONDITIONING

BAST Natural Stone panels may be sensitive to changes in temperature and humidity conditions. Prior to install, panels should be conditioned under stable humidity conditions similar to the conditions at the installation site. Exposure to excessive heat, cold or moisture after installation may cause expansion and contraction may occur.

STORAGE AND HANDLING

Panels should be stored in a clean and humidity controlled area. Natural stone can chip on the corners and edges and softer stones can be scratched. As they are removed from containers, BAST Natural Stone panels should be placed on a padded surface to protect the stone edges.

Transport panels with care, avoiding excessive stress and preventing damage; use appropriate equipment.

INSTALLATION

ADHESIVE INSTALLATION – Installing panels with structural silicone to a substrate

All panels should be inspected prior to installation to ensure that they are clean and free of defects. All defects should be corrected before applications. Material, equipment, and workmanship should conform to industry-standard practices, conditions, procedures, and recommendations.

Check the installation surface to ensure it is square and free from bumps, bowing, and obstructions before beginning work. Install surface should be such that the maximum deflection is no more than L/240.

ADHESIVE

Be sure all surfaces are dry and free from defects. Apply adhesive per the adhesive manufacturer's recommendations.

TEMPORARY PANEL SUPPORT

Temporary support may be needed while the adhesive cures.

WARRANTY

BAST Surfaces expressly warrants that its products are free of defects and are of merchantable quality. Products must be inspected prior to installation and natural tendencies of stone should be considered. BAST Natural Stone panels have a 5 year limited warranty that is limited to the replacement cost of material alone and no warranty on fabrication is expressed or implied.

SPECIFICATIONS

	BAST Natural Stone	Other Natural Stone
Weight (approx. weight, varies by stone)	3 lbs/sq ft	2(lbs/sq ft
Install Method	Adhesive, mounting brackets	Slots in stone and steel anchors
Install Speed	Fast	Slow
Thickness of assembly	8mm	&-' W
Fire Ratings	Class A	Class A

PERFORMANCE

BAST Natural Stone panel performance shall meet or exceed the following properties:

- Flame Spread ASTM E84-16
- Maximum Smoke Development: 15
- Maximum Fuel contribution: 20