



Specification Bulletin
No. 201-203
Mortairvent®

Mortairvent® | Rainscreen Drainage Mat for Exterior Siding

www.mortairvent.com

CODE CHANGES

According to the 2021 & 2024 editions of the International Residential Code and International Building Code, a capillary break is required when building with absorptive claddings. It is recommended that products used to create this capillary break be tested in accordance with ASTM E2925.

Mortairvent®, manufactured by Advanced Building Products, Inc. has been the trusted drainage & ventilation mat used by contractors since 2007. Mortairvent® gives moisture that gets past the absorptive cladding the ability to Drain, Not Remain®.



WHY MORTAIRVENT®

- ◇ Heat bonded filter fabric does not allow the scratch coat to clog the drainage & ventilation channel created by the blue 95% open geomatrix.
- ◇ **Meets current building code requirements (IBC & IRC).**
- ◇ **Meets the National Building Code of Canada.**
- ◇ **Tested to ASTM E2925.**
- ◇ Maximizes drainage & facilitates drying of the inner wall system.
- ◇ Filter fabric acts as a built in bug screen keeping insects out of the wall system while allowing moisture and air to flow freely.
- ◇ Two-ply design doesn't allow the entangled net to deform during installation.
- ◇ Simple and quick installation.



Mortairvent® (.25 in. / 6mm)



Mortairvent® (.40 in. / 10mm)

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PHYSICAL DATA	Mortairvent® 201	Mortairvent® 202	Mortairvent® 203
Core Material	Polypropylene (cornrow)	Polypropylene (cornrow)	Polypropylene (waffle)
Thickness	0.125 in. (3 mm)	0.25 in. (6 mm)	.40 in. (10 mm)
Roll Length	61.5 ft. (18.75 m)	61.5 ft. (18.75 m)	40 ft. (12.19 m)
Roll Width	39 in. (99.06 cm)	39 in. (99.06 cm)	39 in. (99.06 cm)
Roll Weight	12 lbs. (5.44 kg)	14 lbs. (6.35 kg)	16 lbs. (7.26 kg)
Coverage Area	200 sq. ft. (18.58 m ²)	200 sq. ft. (18.58 m ²)	130 sq. ft. (12.08 m ²)
TECHNICAL DATA	Mortairvent® 201	Mortairvent® 202	Mortairvent® 203
Mortar Deflection, Ventilation, & Drainage Mat Options			
Mortar Deflection & Ventilation Material Thickness	0.125 in. (3 mm)	0.25 in. (6 mm)	0.40 in. (10 mm)
Density / Specific Gravity (ASTM D 792, Method A)	.901 g/cm ³	0.901 g/cm ³	0.903 g/cm ³
Porosity (open space) (ECTC TASC00197)	86.3%	93.8%	95.3%
Mass / Unit Area (composite) (ASTM D 5261 / D 6566)	11.52 oz/sq. yd	11.25 oz/sq. yd	15.10 oz/sq. yd
Hydraulic Transmissivity (ASTM D 4716)	1.58 gpm/ ft width	4.22 gpm/ft width	7.01 gpm/ft width
Air Transmissivity (ASTM D 4716, mod)	2.92 cu.ft/min/ft width	15.8 cu.ft/min/ft width	54.5 cu.ft/min/ft width
Flame Spread & Smoke Index (ASTM E 84)	Class A Fire Rated	Class A Fire Rated	Class A Fire Rated
UV Exposure	30 Days	30 Days	30 Days

INSTALLATION INSTRUCTIONS

- ◇ Apply a weather resistant barrier over sidewall sheathing. Note: some regions may require two layers of weather resistant barrier. Check local codes for more information.
- ◇ Install Mortairvent® after windows and doors have been properly installed and flashed. Starting at the base of the wall unroll Mortairvent® from right to left with the fabric flap at the bottom, the three-dimensional (blue) polymer matrix against the weather resistant barrier and the fabric facing the exterior of the building. Staple or nail every three square feet. If the channels are installed horizontally, due to cutting and patching, Mortairvent® will perform as intended.
- ◇ On the first (bottom) course only, unfold the fabric flap and tuck it between the (blue) polymer matrix and the weather resistant barrier to create an insect screen.
- ◇ On intermediate courses, butt blue polymer material together tightly without overlapping. Pull fabric flap over previous course (shingle style) and staple.
- ◇ On top course, invert the roll and unroll left to right with the fabric flap at the top. Unfold the fabric flap and tuck it between the (blue) matrix and the weather resistant barrier to create an insect screen.
- ◇ Trim top of course on non-flap side to adjust for height.
- ◇ Apply siding over Mortairvent® using manufacturer's recommended fasteners and spacing.



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