

Multi-Air Blanket Installation Guidelines



Multicoat's MULTI-AIR BLANKET is a seamless, fully adhering air and vapor barrier membrane. It is water-based and environmentally friendly and can be applied to damp or dry surfaces without the use of primers. The MULTI-AIR BLANKET offers a number of performance advantages over polymeric weather resistive barriers and traditional asphalt-impregnated felt or paper barriers. The BLANKET as a fluid applied air and vapor barrier provides an effective and economical means of protecting the structure long-term. The BLANKET is used in all types of wall construction including over gypsum and cement-based sheathings, OSB, plywood, CMU, and prepared concrete. Research shows that air leakage is a common source of condensation, moisture accumulation, and energy loss in exterior walls. Water vapor transfer through walls will cause mold, mildew and odors.

MULTI-AIR BLANKET will reduce the damaging effects of condensation, moisture accumulation, energy loss and the related risk of mold, mildew and odors.

ADVANTAGES:

- Environmentally Friendly
- Cleans with Water
- Low VOC
- Non-Flammable
- Seamless Elastomeric Membrane Moisture Barrier
- Reduces Condensation, eliminates mold and mildew
- Lower Cost Per Square Foot
- Bridges Cracks
- Easy Application / Including to ICF Foam
- High Flexural Strength, Outstanding Bond Strength
- Sealer for Joints and Seams
- UV Resistant
- No Primer Needed

SURFACE PREPARATION:

Substrate must be structurally sound, free from grease, oil, paint, dirt, dust, sealers, laitance, curing compounds, and any other foreign material which may prevent proper bonding. Cracks and imperfections must be repaired prior to application.

MIXING:

MULTI-AIR BLANKET (Mulasticoat) is supplied in a ready-to-use form and only requires hand mixing prior to use. Do not mechanically mix as entrapment of air may occur. Do not add any material to the MULTI-AIR BLANKET.

CLEANING:

Clean with warm soapy water immediately after use. Once dried, material will require mechanical means for removal.

DRYING TIME:

MULTI-AIR BLANKET will tack free dry in about 1 hour. Full cure will be realized in 12 to 24 hours.

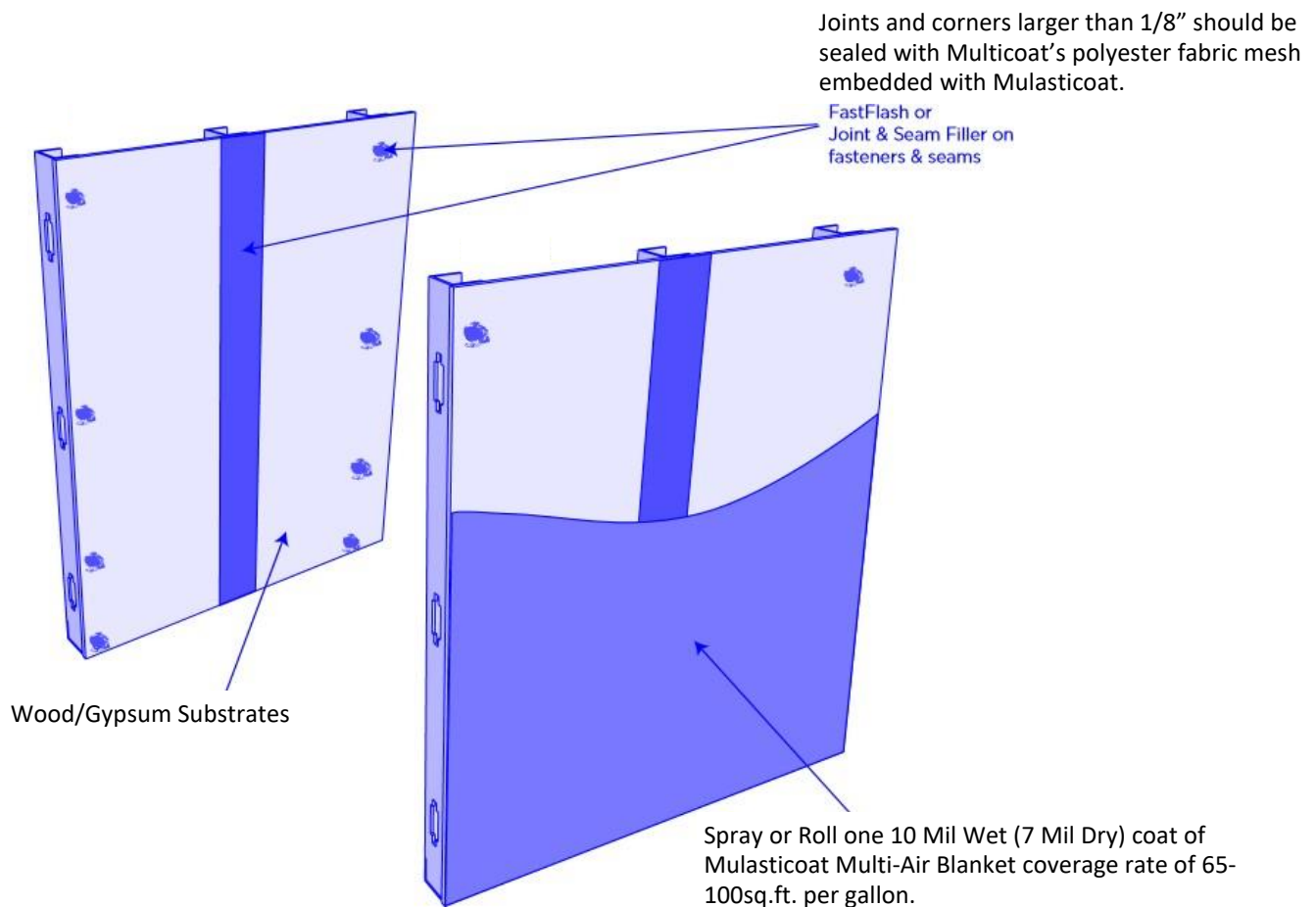
STORAGE:

Store at 40° F to 90° F. Shelf life is approximately 18 months in unopened pails.

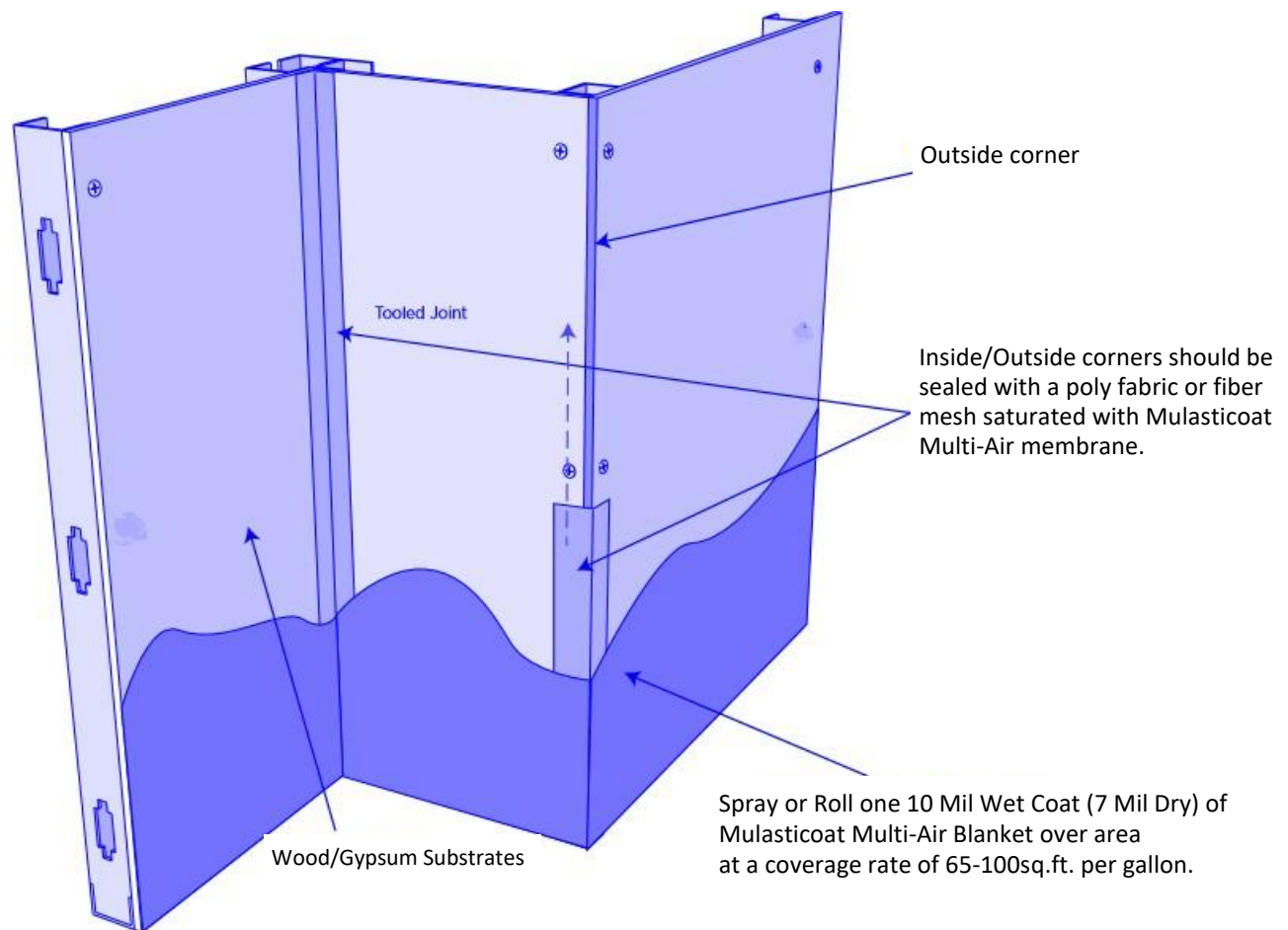
ACCESSORY MATERIALS

1. Polyester Fabric Material,
2. Fiber Mesh or Expanding Foam Spray used to fill cracks, joints and corners larger than 1/8".
3. Scratch Kote to fill or repair any cracks or voids.
4. Standard 3/4 nap rollers.
5. Polyurethane Caulk for nail holes.

Wood/Gypsum Substrates



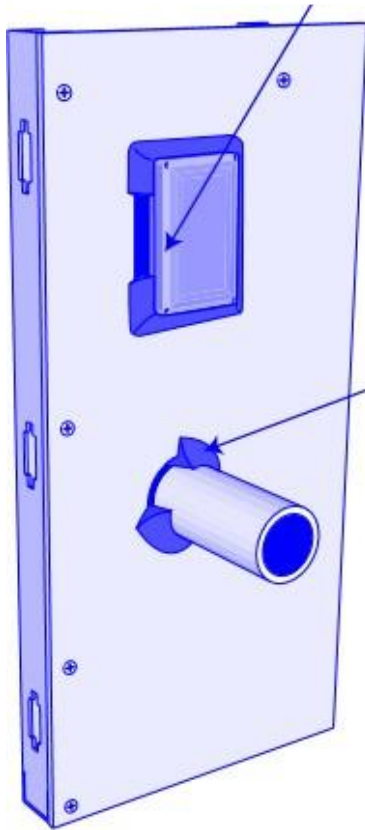
Inside / Outside Wall Corners



Pipe and Mechanical Penetrations

Step 1:

Install non-gassing closed cell backer rod backed by spray foam to form a back dam, then caulked with joint and seam sealer



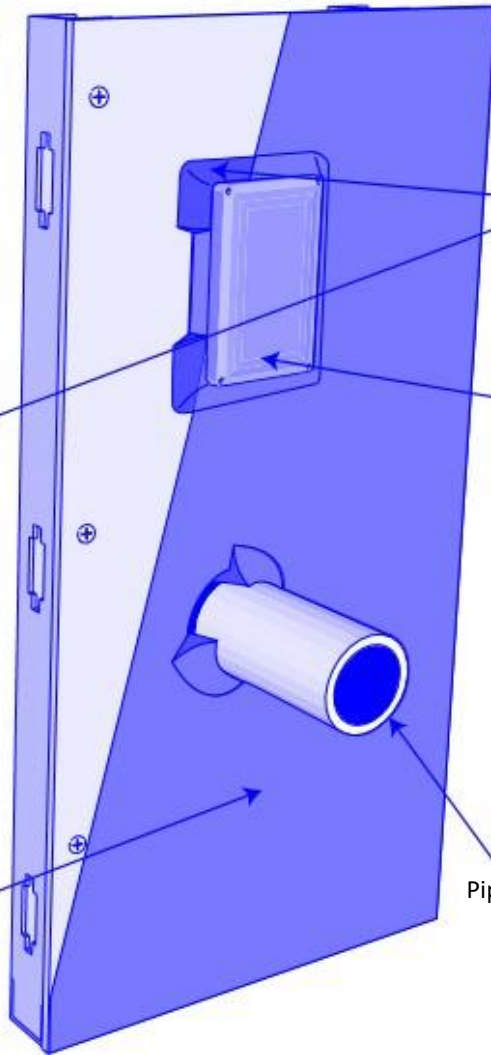
Step 2:

Pipe and mechanical penetrations should be sealed with Multicoat's polyester fabric-mesh embedded in Mulasticoat.

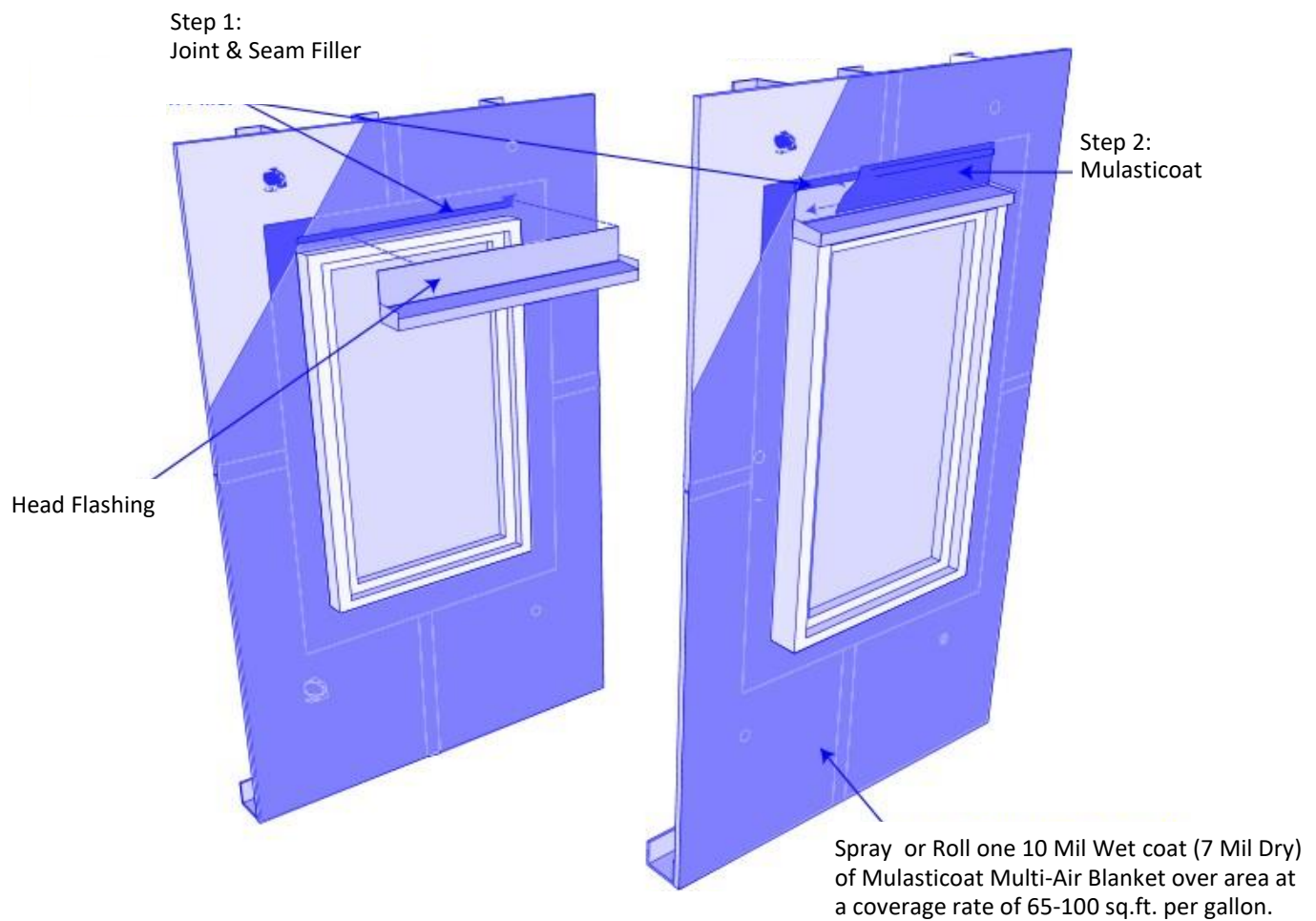
Electrical Box

Pipe Penetration

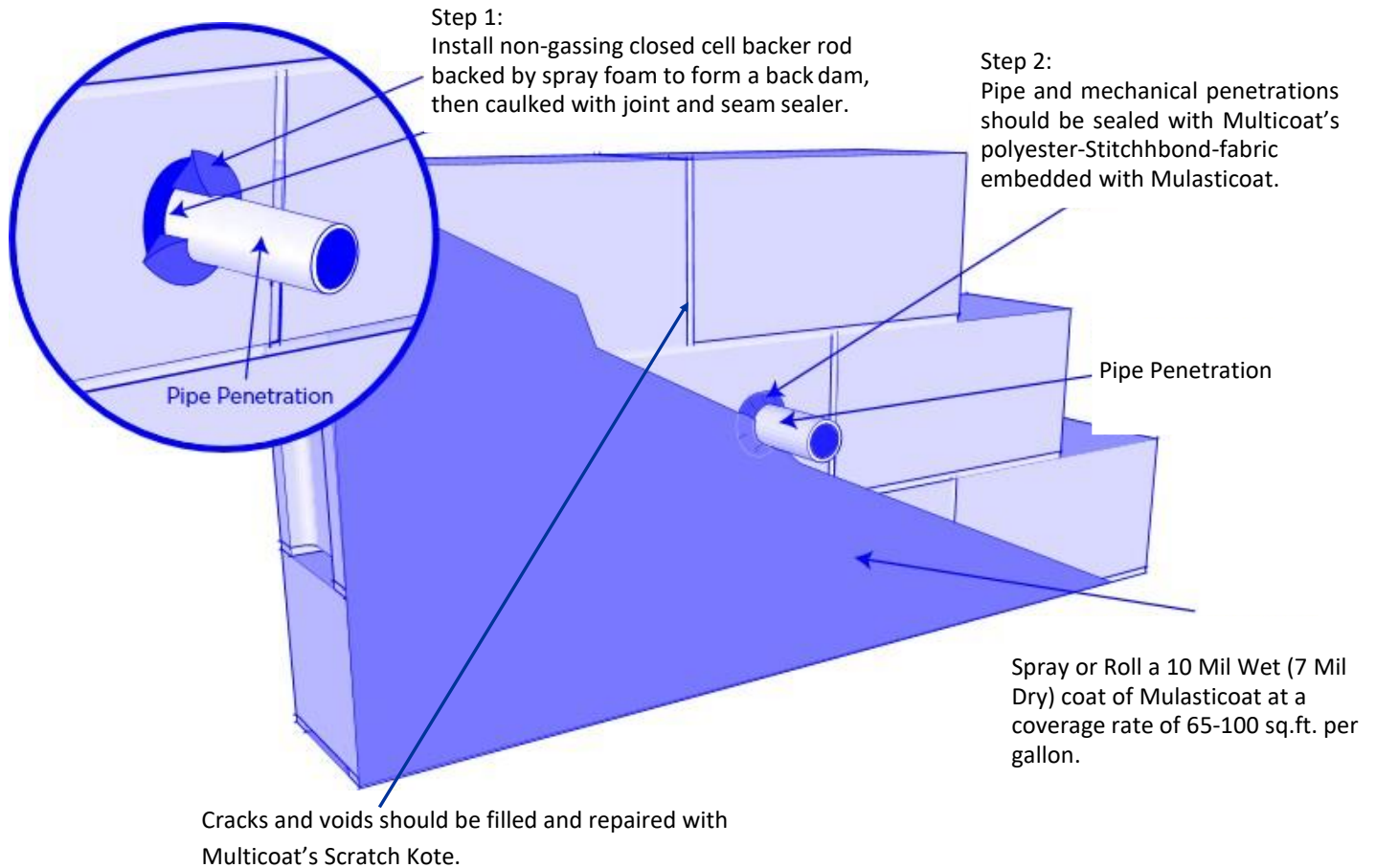
Spray or Roll one 10 Mil Wet (7 Mil Dry) coat of Mulasticoat Multi-Air Blanket over area to be at a coverage rate of 65-100sq.ft. per gallon.



Window Head Flashing



Concrete, CMU Block, etc...



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