

Air-Bloc 31 Liquid Emulsion Vapour Permeable Air Barrier Membrane

Limitations

Not designed to perform as a permanently exposed surface. Must be protected from damage during construction. Do not apply to wet surfaces.

Air-Bloc 31 shall not be applied when ambient (air) and substrate temperatures are below 5°C. The product should not be applied if it is raining, or if the possibility of rain is likely within 16 hours. The product should not be applied if it is expected that the ambient temperature will fall below 0°C within 48 hours.

Surface Preparation

All surfaces must be sound, dry, clean and free of oil, grease, dirt, excess mortar or other contaminants. New concrete should be cured for a minimum of 16 hours before **Air-Bloc 31** is applied. Concrete surfaces may be damp but should be free of large voids and spalled areas.

Joint & Crack Treatment

Joints between panels of exterior grade gypsum, plywood and rigid insulation up to 6 mm wide shall be filled with a trowel application of **Air-Bloc 31** and reinforced with a strip of 50 mm wide glass fibre tape such as **Bakor 990-06 Yellow Jacket** prior to application of liquid membrane. Joints between panels of exterior grade gypsum or plywood wider than 6 mm should be sealed with **Blueskin**[®] membrane adhered to the substrate.

Cracks in masonry and concrete up to 6 mm wide shall be filled with a trowel application of **Air-Bloc 31** and allowed to cure overnight prior to application of the liquid membrane to the surface, or alternatively, the cracks may be sealed with a strip of **Blueskin**[®] membrane applied to the substrate. Cracks wider than 6 mm should be sealed with **Blueskin**[®] membrane adhered to the substrate lapped a minimum of 75 mm on both sides of the crack.

Surfaces should be tied in with beams, columns, window and door frames, etc., using strips of **Blueskin**[®] lapped a minimum of 75 mm on both substrates. Mechanical attachment should be made to all window and door frames, or a properly designed sealant joint provided.

Application

Air-Bloc 31 may be applied by brush, however application by conventional air spray is the preferred method. The material should be applied at a rate of 2.2 L/m² to give a wet film thickness of 2.2 mm (90 mils).

Air-Bloc 31 can be applied in a single coat. The preferred method of application is to mark areas off and ensure that the appropriate volume has been sprayed over this area. During spraying, the material should be applied in horizontal strokes ensuring even application of the product, and then applied in vertical strokes, again ensuring even application.

Clean Up

Spray equipment can be flushed out with water. Use mineral spirits to remove dried films.

Caution

Harmful if swallowed. <>