

# Air barrier constructions

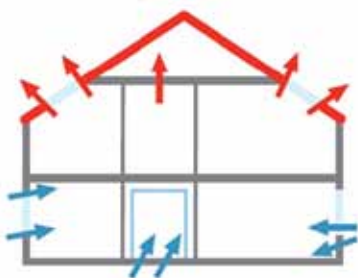
## The importance of air barriers

A modern construction needs to meet strict requirements on quality, safety and energy efficiency. Good insulation and controlled ventilation are essential for an energy efficient building. This can only be achieved when a good air barrier has been applied.

A perfect air barrier is realized by sealing all seams for prevention of unaware airflows.

**It is important because it contributes to:**

- preventing moisture problems.
- energy savings.
- improvement of living comfort.
- a positive health effect.



Unwanted ventilation through joints in the outer shell of the construction.

## Air flow prevention

A construction air barrier prevents the loss of heat and penetration of cold air flows. There are several systems to seal the joints and seams in a construction.

**It is important that the chosen system provides:**

- a good seal.
- protection against moisture penetration.
- a good adhesion to the surface.
- an easy application.
- resistance against movement in the construction.

## Liquid Rubber

The waterproof and air barrier coatings of Liquid Rubber® are developed for a wide range of applications. Because of the outstanding product features Liquid Rubber is being used for many complex projects.

- high elasticity (up to 900%!).
- applicable on light wet surfaces.
- free of VOC's and toxic compounds.
- **environmentally friendly.**
- water-based.
- durable.
- resistant against high temperature fluctuations.

## HB S-200 Industrial

Liquid Rubber® HB S-200 is a universal sealant that can be used as a waterproofing and air barrier product. The product adheres to concrete, stones, metal, bitumen, EPDM, wood, PVC since a.o. This makes Liquid Rubber suitable as a multi functional air barrier. The features are unique, the application is easy and the protection is durable.

This waterproof and air tight elastic coating is perfect to seal window frames, doors and outlets.

- measured lowest possible air permeability (0.0004L/(s.m2)).\*
- fully seamless membrane.
- quick, easy and cold applied.
- perfect adhesion to almost every surface.
- paintable.

\* independently tested by the Canadian Construction Materials Centre (CCMC) at a differential pressure of 75 Pascal. Check [www.liquidrubbereurope.com](http://www.liquidrubbereurope.com) for the test report.



[www.liquidrubbereurope.com](http://www.liquidrubbereurope.com)

for more information

and references