



































Build Tight - Ventilate Right

Building Science Corporation

Build Tight - Ventilate Right How Tight? What's Right?

Building Science Corporation

Joseph Lstiburek 20

Joseph Lstiburek 19

Air Barrier Metrics

Material 0.02 l/(s-m2) @ 75 Pa Assembly 0.20 l/(s-m2) @ 75 Pa Enclosure 2.00 l/(s-m2) @ 75 Pa

> 0.35 cfm/ft2 @ 50 Pa 0.25 cfm/ft2 @ 50 Pa 0.15 cfm/ft2 @ 50 Pa

Building Science Corporation

Joseph Lstiburek 21

Getting rid of big holes 3 ach@50
Getting rid of smaller holes 1.5 ach@50
Getting German 0.6 ach@50

Building Science Corporation

Joseph Lstiburek 22

As Tight as Possible - with -

Balanced Ventilation

Distribution

Source Control - Spot exhaust ventilation

Filtration

Material selection

Energy Recovery

Building Science Corporation

Joseph Lstiburek 23









































































































































