

Air-Sealing

the simple way to save energy

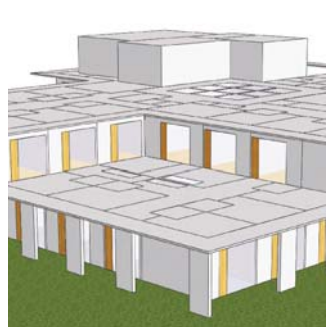
High-tech solutions to reducing energy and carbon emission in buildings are worthwhile, but not before simple fabric improvements, such as 'air-tightening', have been made.



Test



Diagnose



Evaluate



Seal

The Approach...

TEST: Accredited air-tightness experts from Stroma conduct an initial test on the building to quantify, identify and locate current levels and causes of air-leakage. If the result is good, then no further action is taken.

EVALUATE: However, if significant levels of leakage are identified, we estimate the improvements that our air-sealing teams could make and then calculate potential savings and paybacks that would result from the proposed air-sealing works. Sophisticated 3D "Dynamic Simulation Modeling" software will often be used to accurately perform these calculations

SEAL: Stroma's accredited air-sealing operation will then conduct the targeted remedial air-sealing works (using pressurised smoke testing to confirm that the works are effective) in a discrete and non-disruptive manner.

TEST: A repeat air-tightness test is conducted to prove the improvement made and to enable payback calculations to be repeated on the basis of confirmed results.

For further details or to discuss requirements, call 0845 621 11 11 or email comply@stroma.com

The Benefits...

- Significant energy reductions possible
- Can be added to CRC compliance strategy
- Can improve EPC and DEC ratings
- Minimal disruption to normal operations
- Improvement works are permanent
- No operation and maintenance issues
- Improved occupant comfort
- Reduced noise ingress



STROMA®

www.stroma.com

Building Sustainability & Compliance

Stroma Head Office, Pioneer Way, Castleford, WF10 5QU T: 0845 621 11 11, E: comply@stroma.com