



## Spirare - “to Breathe”

- Our Mission.
  - Spirare 's Mission is to embrace a sustainable business model, enhance the environment by producing products that preserve property and facilitate waste avoidance by reducing CO2 emissions from homes thereby saving homeowners money on fuel bills.
- The Innovation.
  - Spirare has invented a product for removing and controlling unwanted moisture from walls of buildings, flats and houses, which allows the walls to breathe.
  - Damp walls use more energy to heat.
  - Drier walls are warmer walls and use less energy to heat them.
  - The Spirare moisture management system can lower the U value of the wall usually by 10%.

## The Product.

- The product is a small, easy to fit ceramic insert called a Noozlenub
- How it works, powered by the Sun.
  - It attracts moisture from the wall and expels it back into the outside atmosphere.
  - It can be fitted into solid or cavity walls
  - An average home will need about 200 Noozlenubs fitted.

## The Moisture Problem in Modern British homes.

- 25% of UK residential homes have a damp problem.
- 7- 12 litres of water vapour is produced every day in the modern home.
- Dampness causes households to use more fuel.
- Not heating the whole house causes more damp and mould.

## Affordable Warmth: Creates Damp Homes.

- The Government's Green Deal - reducing Co2 emission
- Combating fuel poverty
- Insulating homes is a great thing
- This will result in more moisture being trapped in the home
- Other extraction methods cost money on a daily basis.

## Simple Solution, Install the Spirare Noozlenub

- Spirare's Moisture Management System
  - Combat fuel poverty
  - Use less energy
  - Reduce moisture levels in homes
  - Healthier homes
  - Create new jobs.

## Cost – Benefit Analysis

- The Cost
  - An average installation of 54 linear meters including internal and external walling cost approximately £680.00 for the products and 4 hours labour for installation= £300  
Total cost = £980.00, or **£98** per annum over 10 years.
- Pay Back
  - An average fuel bill is £1200 per year, and rising
  - Therefore, in real terms, your tenants save an average of 10% on the fuel bill - **£120** each year.

## Spirare is a Latin word that means “to Breathe”

- The demand on fossil fuels will continue to drive up the cost of energy.
- The Spirare is a sustainable Moisture Management System that is a fit for purpose, product for Housing Associations.
- It is doing something positive to reduce Global Warming, combating fuel poverty and creating healthier homes, helping to reduce the Carbon footprint of your tenants helping you the Housing Associations.

Spirare

Thank you for listening.