

The NIA & Solid Wall Insulation

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The NIA

- Introduction to the NIA
- Solid Wall Insulation (A Brief)
- Challenges with ECO & Green Deal
- The NIA into the future



The NIA

- The NIA represents all of the Insulation Industry
 - 220 members
 - Manufacturers, system certificate holders, installers
 - + Scheme Managers, GDPs, energy advice providers
- Cavity (incl HTTC), Loft & SWI
- Full time independent CEO and staff
- Engaged with Government Departments & key Stakeholders
- Promote the benefits of insulation
- Maintain quality and standards



NIA SWI Membership

- Lead trade body for SWI
 - 20 + major EWI and IWI manufacturers/system designers
 - 70 + EWI and IWI installers
- Green Deal Providers/Energy Companies/Training
 Providers
- Opportunities for partnerships/collaboration
 - New External Stakeholder Forum







Solid Wall Insulation (A Brief)



The Opportunity for SWI

- Around 7m homes with solid walls
- 2.3m by 2022 to hit Climate Change Targets
- Major increase in industry capacity (GD/PAS 2030 accredited!)
- Key area of focus in the Green Deal and ECO
- Social housing will play a key role in the early stages but 1 offs will become increasingly important and require a different approach
- Increasing importance of quality/standards and consumer protection



Solid Wall Insulation

- More than just carbon saving
- Corrosion eliminated preventing demolitions
- Freeze-thaw deterioration of render halted
- Dampness chance reduced
- Condensation chance reduced
- Aesthetical Refurbishment



External Wall Insulation

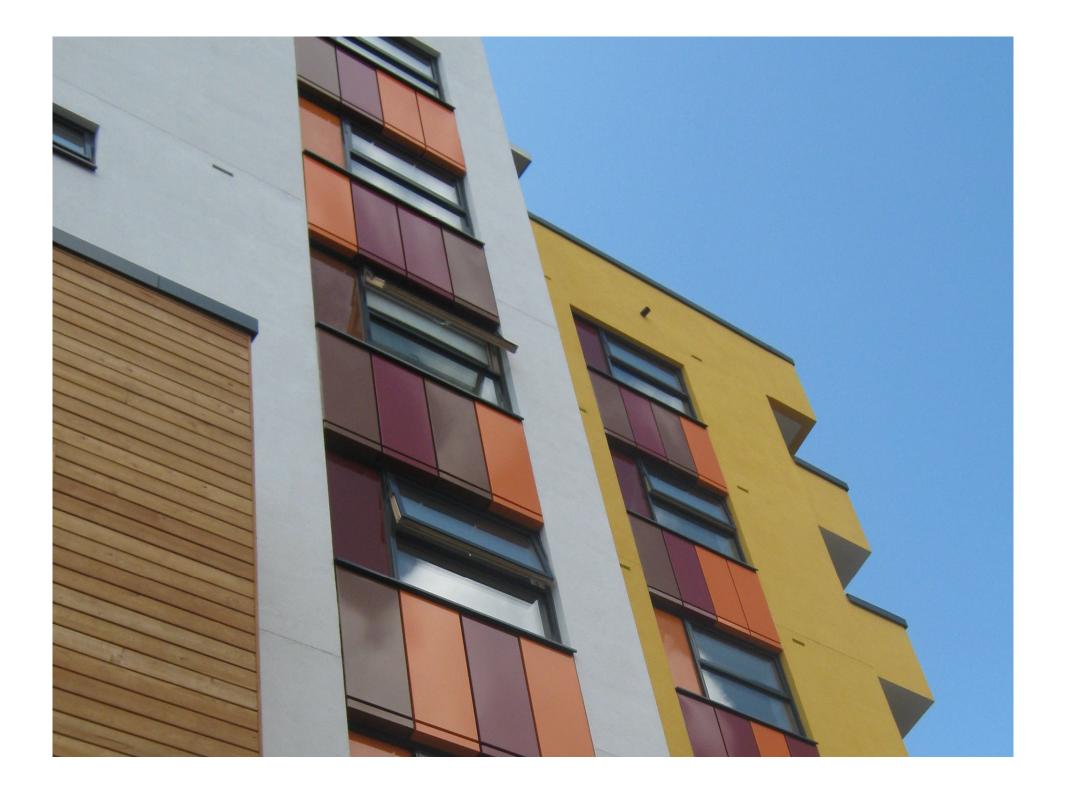
- External Wall Insulation can be applied to many Non Traditional property types;
- NoFines Concrete, Reema, BISFs, Cornish, Airey, Boot, Orlit, Bison Build, Unity etc.
- Insulation types are;
- Mineral Wool, EPS, PIR, Cork.
- Finishes can also be varied;
- Silicones, Acrylics, Dash, Brick Effects, Brick Slips, Aluminium/Timber/Terracotta Cladding Panels.









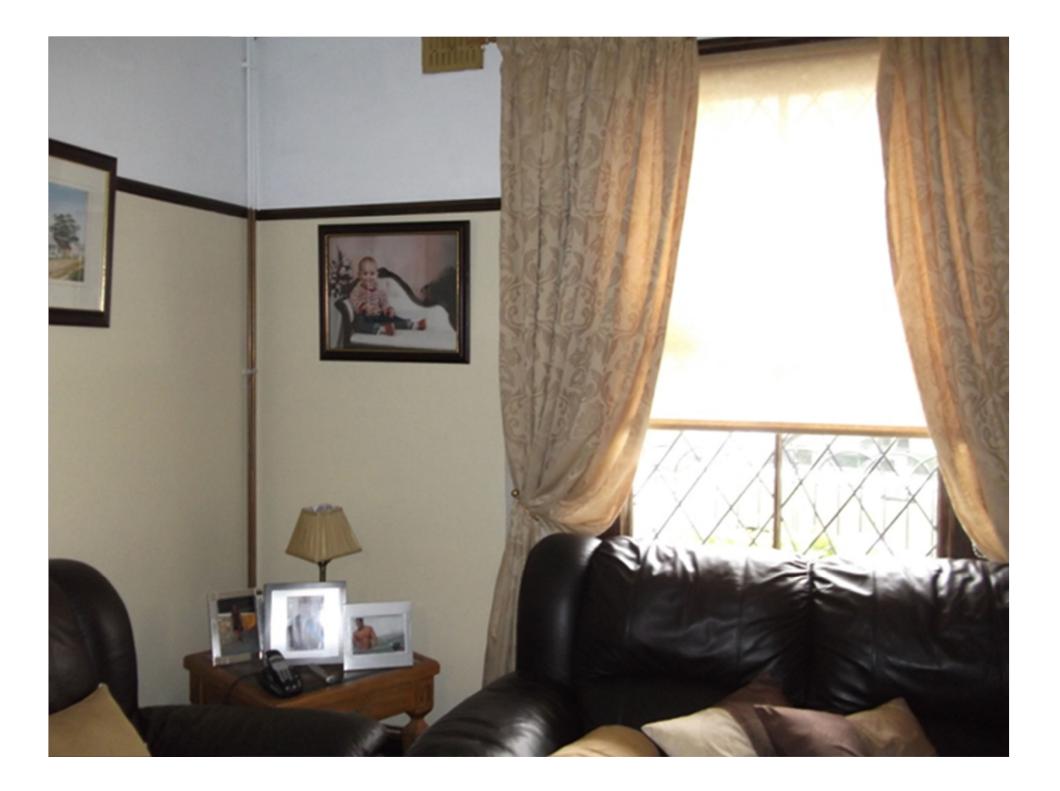


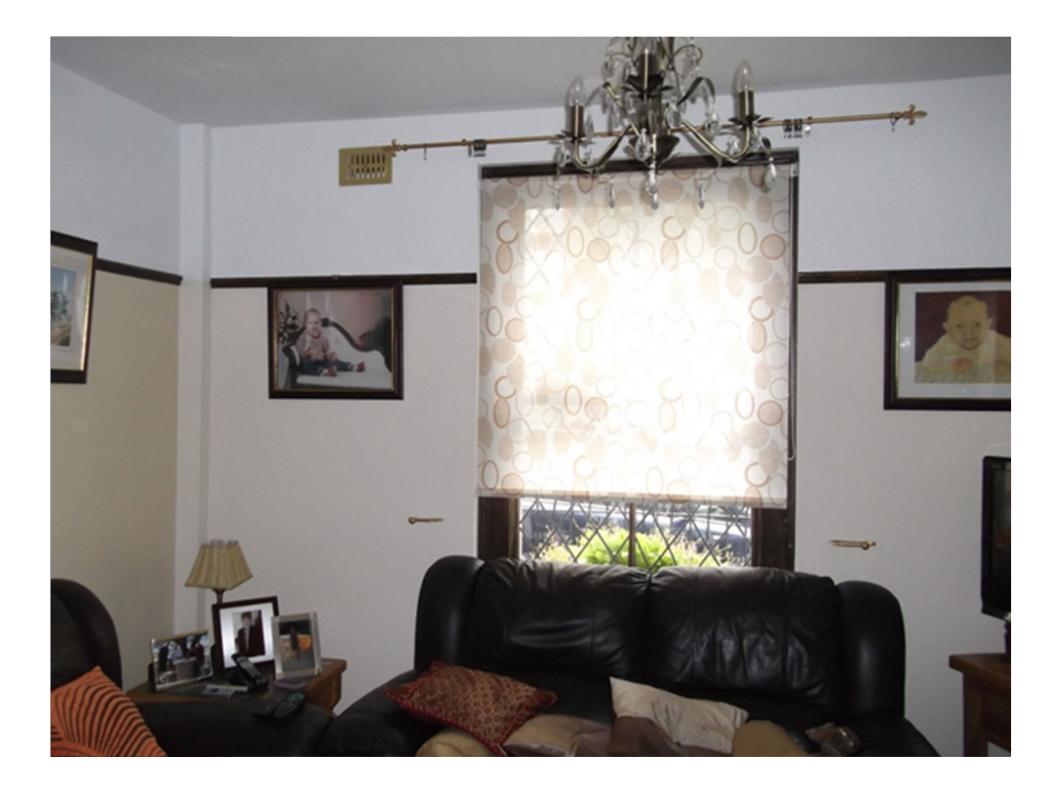


Internal Wall Insulation

- SWI is often seen only as External.
- Many systems available for Internal thermal performance.
- Superfoils, Mineral Wool Roll, Solid Treated Foam Slab among others.
- Like for like replacement internal finish.
- Often installed on properties you would not want to over-clad.









Challenges with ECO & Green Deal



Skills & Knowledge

<u>Skills</u>

- Up skilling of workforce
- Apprenticeships
- Technicians
- GDA'S

Knowledge

- Building Control
- Architects, C of W, Clients
- Customers
- New Installers



<u>Volumes</u>

- Time to cover up
- Number of Operatives
- New Entrants to the Market
- Management Contractors

Quality Contol

- PAS 2030
- Certified systems
- QA/QC records
- Inspections
- The Correct Standards
- NIA criteria/CoPP
- Guarantees (SWIGA)



Eco, Green Deal & the NIA

NIA developing the solutions

- Robust vetting of members
- SWIGA Membership
- Training and up skilling (working with CITB)
- Making Members Accountable
- Members of key national quality and training fora
- Awareness and education
 - Specifiers
 - Consumers
- New NIASWI External Stakeholder Forum



The NIA into the Future



SWI Organisation

NIA Solid Wall Group

- Formed in April 2012
- EWI and IWI manufacturers/SDs/installers
- Domestic and commercial markets/new build and retrofit
- David Lawrence of Lawtech Chair/Lorraine Scott of Sto Vice Chair
- Oversee the development and implementation of NIAs market and supply chain development plans
- Working Groups
 - Marketing/Policy/ Technical



The NIA

- New Logo
- New Direction
- Quality Driven
- Represent ALL members
- Collaborative working with like minded organisations
- Leadership role in maintaining quality, standards and professionalism of our industry as SWI market ramps up
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