



# **The NIA & Solid Wall Insulation**

[www.nia-uk.org](http://www.nia-uk.org)



# 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

## Skills

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

## Knowledge

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



## **Volumes**

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

## **Quality Control**

- 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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