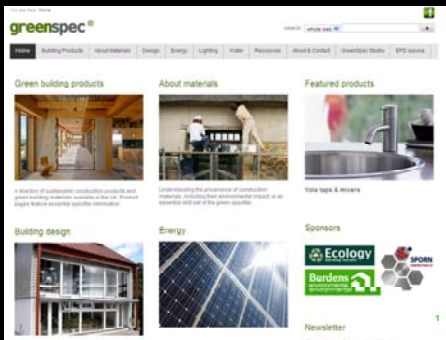


Low carbon:

materials, building/refurbishment, design,
specifications, tools & assessment
RIBA SW Salisbury 2012



GreenSpec

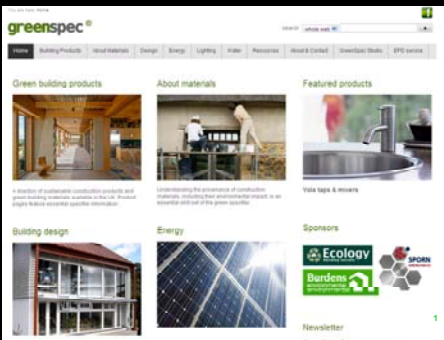
www.greenspec.co.uk



www.capem.eu

Scope

- Are you 'green' or 'violet'
 - What are green and violet materials?
- Low carbon design > building > materials
 - How far will you go? How far have you got so far?
- GreenSpec Green
 - How do we define Green?
- BRE Green (Guide to Specification)
 - How do BRE define Green?
 - Why does it not feel Green?
- GreenSpec Studio
 - Elemental Design & Specification
 - free online assembly tool
- Eco-refurbishment
 - How does all of this apply?
 - and a few potholes to avoid.



GreenSpec

www.greenspec.co.uk

CAP'EM
Cycle Assessment Procedure for Eco-Materials

www.capem.eu

This presentation

- All (250 CPD & Spec files)
- www.scribd.com/brianspecman
- Collection (today)
- <http://www.scribd.com/collections/3453411/RIBA-SW-Salisbury-Low-Carbon-Everything>
- File
- <http://www.scribd.com/doc/79317025>



Brian Murphy

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RIBA SW Salisbury: Low Carbon Everything

Created by: Brian Murphy — CPD seminar

Documents: 16 Created: 01/25/2012

Documents:

1. GreenSpec Website 2011 Handout 9 slides/page From: Brian Murphy
2. GreenSpec Studio 2011 Handout 9 slides/page From: Brian Murphy
3. GreenSpec Many Parts Handout 9/page From: Brian Murphy
4. Retrofit Material & Methods Rev 10 (Presented at sma... From: Brian Murphy
5. GreenSpec PASS Product Assessment Screening System (... From: Brian Murphy

See all



Brian Murphy created a collection



Brian Murphy (more info)

Website: www.greenspec.org.uk

Greenie (12 years active), Oldie (37+ years in Construction Industry), techie (bias towards technical stuff), spekkie (27+ years spec writing), (£2... (More)

Stats » Reading Publishing More

Total Reads
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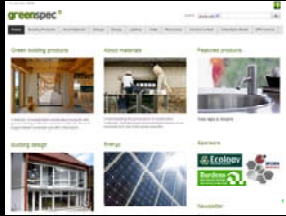
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250

Followers
169

GreenSpec CPD Specification
Workshop (Plan your own in-house

Are you 'green' or 'violet'

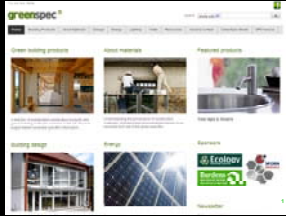
- What are green and violet materials?



Are you Green
or Violet?



Another GreenSpec CPD file to download
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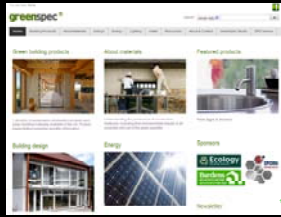
Violet Materials

why we need to stop
specifying them
some alternatives

Another GreenSpec CPD file to download
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Low carbon design > building > materials

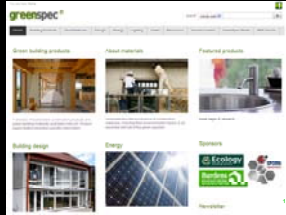
- How far will you go?
- How far have you got so far?



Low Carbon Green Building

Ogle Oct 8th 2008

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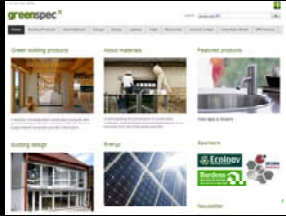
LCGB: Low Carbon Green Buildings

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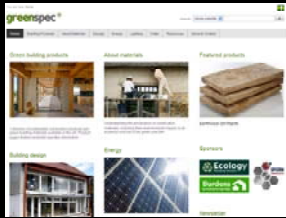
GreenSpec Green

- How do we define Green?



How do GreenSpec select Products

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GreenSpec PASS

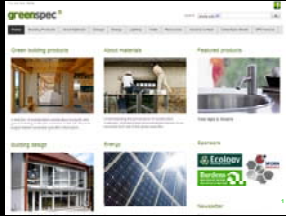
GreenSpec Product Screening Issues (63 of 256)									
Products Competence	Company	Materials	Resource Efficiency	Energy	Lighting	Water	RoHS	REACH	WEEE
ISO 9001	Applications	ISO 14001	ISO 14001	ISO 14001	ISO 14001	ISO 14001	ISO 14001	ISO 14001	ISO 14001
BBA	Durability	ISO 9000	Not Hydro-carbon	Low Embodied Carbon	Reuse	Increased Efficiency	Zero Carbon Footprint	Low Carbon Footprint	Low Carbon Footprint
ETA	Life expectancy	ISO 14001	Not Hydro-carbon	Low Embodied Energy	Renewable	Low Carbon	Demand reduction	Efficiency	Efficiency
CEMark	Maintenance	BES 6001	Natural	Traditional Methods	Recycled Content	Low emissions	Energy Efficiency	Harvesting	Harvesting
Guidelines	Failure Modes	Manufacturing targets	Plant/Tree based	Local materials	Take Back schemes	Renewable Energy	Life expectancy	Recycling	Recycling
Warranties	End of Life Scenarios	LCA Data	Carbon sequestration	Local supply chain	Packaging	Renewable Heat	WEEE	Chemical avoidance	Chemical avoidance
Whole Life Costs	Disposal methods	Social Policies	Abundant	Local Craftsmen	Stewardship	Thermal Storage	Take back	Biological	Biological

Product Assessment Screening System
Without scoring and weighting

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BRE Green (Guide to Specification)

- How do BRE define Green?
- Why does it not feel Green?



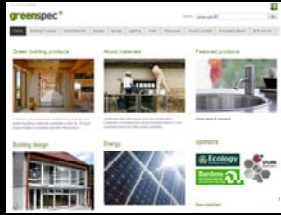
Green Material Olympics

BRE Green Guide to Specification

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GreenSpec Studio

- Elemental Design & Specification
- free online assembly tool



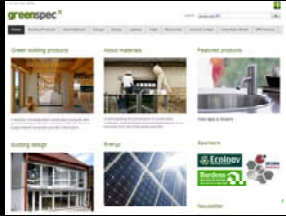
GreenSpec Studio'11

Assemble a building by choosing products
for each component of its many elements
The specification assembles itself

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Eco-refurbishment

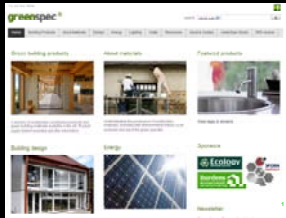
- How does all of this apply?
- and a few potholes to avoid.



Retrofit Materials & Methods

GreenDeal Risks & Risk Management,
Rev 10

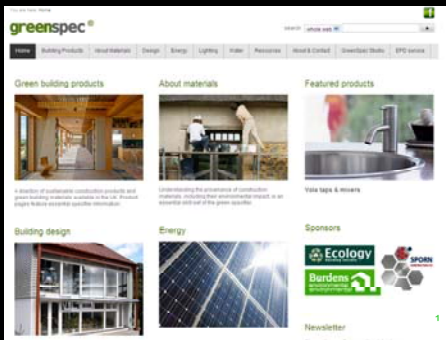
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Retrofit GreenDeal Risks

Rational, Rhetoric, Restructuring,
Risks & Risk Management,
Rev 10

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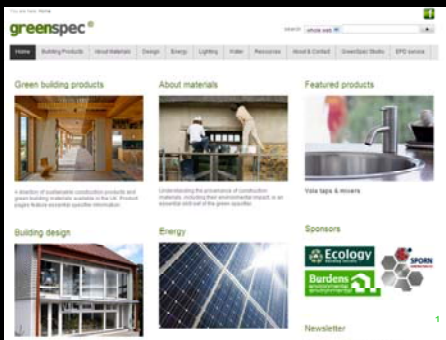
CAP'EM
Cycle Assessment Procedure for Eco-Materials



www.capem.eu

Feedback

- These files are created by generalists with a big dollop of green flavour
- These files are updated from time to time
- We are not experts so from time to time these file may get out of date or may be wrong.
- If you feel that we have got it wrong please let us know so we can put it right



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- Specification Writer by Choice
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- Scribd: www.scribd.com/brianspecman
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25/01/2012