













What does influence?

- Letting Agents
- Company Culture?
- Business Aspiration
- CSR or Staff Health, Wellbeing, Happiness,
- Green issue or Appearance, Churn, Fashion?
- PII or D&B?

09/07/2012

© NGS GreenSpec 2011-12 BrianMurphy





Company Culture?

- Might be very influential
 - Corporate branding
 - Might be quirky
 - Or it might be conformist
- Will influence the style of the interiors
 - And the reusability of it by others at the end of its life
 - The more quirky the more likely to end up in landfill
 - Or it may have salvage value
 - Will the quirky client object to reuse by others?

Business Aspiration?

- · Efficiency of layout
 - Nett to Gross ratios
 - Optimum furniture layout
 - CRT to LCD improvements
 - H&S at Work Act & Code of practice
- · Efficiency of people
 - Flexibles space
 - Non work space
 - Relaxation space

09/07/2012

© NGS GreenSpec 2011-12 BrianMurphy

CSR or Staff Health, Wellbeing, Happiness,

- CSR Corporate Social Responsibility
- In the Community
- · Or CSR in house?
- Healthy Environment
 - Indoor Air Quality
 - Materials Choice

09/07/2012

Wellbeing & Happiness

- · Wellness seminars recently at Building Centre
 - Evidence based Design
- Physiological responses to built environment
 - Via the eyes (not visual responses)
 - Discovered 15 years ago and still learning what it all means
 - Analysis of layout for response to these stimuli

- Value of Art in public buildings



Green issue v Appearance, Churn, Fashion?

- · What triggers interior refit?
 - CRC & GD will in time
- Other reasons:
 - Maintenance
 - · Appearance of carpets
 - Grime on surfaces
 - Fashion

09/07/2012

- Boredom
- Churn forces change of layouts
 - · exposes surfaces that need redecoration

© NGS GreenSpec 2011-12 BrianMurphy





Considerations to adopt.

- · Principles of design,
- Methods
- Materials
- · assessment methods
- · sources of information

09/07/2012

© NGS GreenSpec 2011-12 BrianMurphy

Principles of Design

- · If it will be replaced frequently
 - Make sure it is a low impact material
 - Change it to a long life material that wont be changed as frequently
- Make sure its tough enough to be dismantled and reused without repairs
- Reuse reclaimed
- · Change as little as possible
- Reuse what is there

09/07/2012

© NGS GreenSpec 2011-12 BrianMurphy

GPP Green Public Procurement

- Government Funded buildings
- Furniture specification and purchasing
- Specification must have 10% remanufactured/reused
- Industry is gearing up to provide this service

09/07/2012

© NGS GreenSpec 2011-12 BrianMurphy



Another GreenSpec CPD file to download See www.scribd.com/brianspecman





Methods: Partitions

- Demountable partitions
- Relocatable Reusable partitions
- Moveable partitions/screens/dividers

09/07/2012

© NGS GreenSpec 2011-12 BrianMurphy

Methods: Platform floors

- · Platform floors do permit rewiring
 - Mostly flexible cables
 - Spare floor outlet boxes: stored under floors
 - Rearrangement possible
 - but carpet tiles and platform floor tiles size mismatch
 - Need spare carpet tiles stored under floor
 - Ventilation floor outlets flexible layout?

09/07/2012

© NGS GreenSpec 2011-12 BrianMurphy

Methods: Suspended Ceilings

- Dictated by partition layout or visa versa
- · Suspended ceiling layouts
 - rarely rearranged
 - Justification: Uniform lighting levels
 - rarely have flexible cabling or ducting above
- Plenum ventilation is ultimate flexibility
- · Avoid ceilings if possible:
 - Expose and exploit thermal mass
 - Design service & cable trays instead
 - Interface with partitions to resolve





Materials



- · Use low carbon materials
- · Use plant based materials
- Use solid materials without adhesives
- Low VOC materials but not high chemical to mimic properties of high VOC

09/07/2012

© NGS GreenSpec 2011-12 BrianMurphy



See www.scribd.com/brianspecman

© NGS 2009-12 Brian Murphy



Design to Use Recycled

- Determine local resources and quantities
- Reserve materials
- Design Accordingly
- Flexibility in design to adapt as procurement develops

09/07/2012

© NGS GreenSpec 2012 ResourceEfficentDesign

















