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Where issues or indicators according to BSEN 15978:2011 are available, these should be used Include individual results for each life stage or module, e.g. stages A, B and C (see BS EN 15978:2011). Documentary evidence and independent verification will also apply to recycled timber and recycled wood-derived products but will focus on the use to which the timber was previously put rather than the forest source. For example where a project has 30 different upper floor specifications, if 10 upper floor specifications, if 10 upper floor specifications, if 10 upper floor specifications are A+, 10 are A, 5 are B and 5 are C then you would only need to use 4 lines. Protecting vulnerable parts of the building from damage - underground car parks - KBCN1331 Exposed elements, such as columns in an underground car park, should have been designed against structural damage from minor vehicle collision and, therefore, do not require any additional protection to meet compliance for this BREEAM Issue. Table updated to include new recognised LCA tools 12/03/2021 KBCN updated for clarity regarding subsequent tool versions on 10/03/2021 The current CN 'Route 1 Cut- off See step 1 in the Methodology section' in the technical manual should refer to Route 2 and 3 as well. Playground or other specialist surfaces - KBCN0694 Where the hard landscaping surface is specified to meet safety related performance (e.g. non-slip or soft surfaces for playgrounds) or particular performance related requirements (e.g. specialist sports performance surfaces such as astro-turf, netball courts and running tracks), then these surfaces can be omitted from the assessment. However, it is not necessary that they are valid at the time of the design or post-construction stage submissions. Drop-down menus in the tool - KBCN0789 When using the Mat 03 calculator tool, some of the entry fields are no longer restricted to drop-down menus but allow free-text entry. The assessment is concerned with the hard landscaping and boundary protection associated to the project under assessment, i.e. the areas under the control of the project under assessment. On site fabrication - KBCN1292 Where concrete (or another construction product) is produced on site, there is no requirement to provide responsible sourcing certifications schemes recognised by BREEAM along with the relevant summary scores to be used in BREEAM assessments. 24 01 18 Wording clarified to refer to raised floor components only Green-roofs - KBCN0263 When assessing green roofs, only the structural elements of the roof construction need to be considered i.e. the waterproof layer and above can be excluded. The BREEAM Materials calculator will calculate the overall performance for the curtain walling system. To achieve these credits, applicable specified products (as listed in the relevant technical manual) must be covered by Environmental Management System (EMS) or a responsible sourcing certification scheme (RSCS) recognised by BREEAM. Refer to Guidance Note GN24: Demonstrating Compliance with BREEAM Issue Mat 03 issue for more information. This KBCN has been withdrawn and is no longer valid. The latest points scores for each RSCS route are available in the latest version of GN18. Legally harvested: Evidence of compliance with the CPET (see here, timber bought inside the UK only) FSC, PEFC or SFI certification Evidence of compliance with the EUTR (timber bought inside the EU only) Risk assessment/due diligence documentation demonstrating a low risk of non-compliance with the EUTR (timber bought inside the EU only) Risk assessment/due diligence documentation demonstrating a low risk of non-compliance with the 'legally harvested' requirements given in the manual. This applies for materials in any location or use category. Legally harvested and traded timber - Examples - KBCN0956 The following examples are considered compliant for BREEAM purposes. While maximum points (10) are available for RSCS's are typically less than 10. Responsible sourcing - Apportioning areas within a building - KBCN1334 Where there are common elements between the various areas within a building, for example where multiple assessment and others are not, an apportioned approach can be taken to Mat 03. For products following Route 2, an allocation process can be considered acceptable Before an LCA tool can be recognised by BREEAM, the tool developer must submit evidence to BRE to verify the tool's points scored in the Mat 01 Calculator. Other tools An electronic data table or tables of results (suitably cross referenced) generated by the tool, submitted by the assessor to BRE Global must fulfil the following criteria: Submit a total building environmental impact result for year 0 (installation only) and year 60 study periods, as follows: To include individual results for all environmental issues or indicators that the tool or data permits, showing issue or indicators names and units used. This will be added to the next manual re-issue and will be required as evidence. Gabion as boundary protection - KBCN000008 A gabion can be excluded from the assessment if it acts as a retaining wall or any other form of a supporting structure. View full Guidance Notes (licenced assessors only) View all Guidance Notes (licenced assesso construction products (typically under the Mat 03 issue) to encourage responsible product specification and procurement in construction. It should be read in conjunction with the Technical Manual for the relevant assessment scheme. The following is covered: — Definition of terms used — How to deal with constituent products/materials including those with certification that is different from the overall product — The precision required in estimating quantities: — For the cut-off volume — Of different materials in the building (route 2 only) — Of different materials. The above is still applicable to previous issues of the manual, as well as the IRFO manual. Multiple buildings on the same site - KBCN0559 The areas of hard landscaping and boundary protection that need to be assessment(s) being undertaken. Option 1 scoring based on robustness and extent of LCA - KBCN0674 For Option 1, BRE Global verifies the LCA tool's score within the Mat 01 calculator based on the rigour of the life cycle assessment tool and the extent it is used on the assessment. Cut-off threshold for responsible Sourcing of Materials (where at least three of the material types listed in the material categories have been responsibly sourced), any material type which clearly accounts for less than 1 m³ per 1000 m² of gross internal floor area, can be excluded from the assessment. This item in Table "Allocation of points awarded" refers to the Relevant definitions section. Scope of hard landscaping - KBCN0634 For the purpose of assessment, hard landscaping includes (but is not limited to) parking areas (including manoeuvring areas, lanes, roads within the parking areas), pedestrian walkways, paths, patios. An explanation of the allocation process used should be provided and the following guidance applies; Common elements (e.g. roof, foundations, external walls etc) apportion a percentage of the total impact of the element to each assessment based on their percentage share of the element's impact is apportioned to that assessment (e.g. internal partitions, internal finishes etc.)- 100% of the impact is allocated to the assessment they are in. Route 1 products do not take in to account quantities so, if they are common element, they will still need to be included in the assessment. For products certified under BES 6001, the rating score (between 5 and 7) can be found in the Green Book Live. If it acts purely as a boundary and a generic Green Guide rating cannot be found for a specification, the BREEAM assessor will need to submit a Bespoke Green Guide Query proforma detailing the specification details. The available points are representative of the relative merits of each source while also providing some incentive for each scheme to improve and gain higher scores in the future. Results for each element as follows, to enable project team members and assessors without an IMPACT Compliant tool to check the accuracy of the model: Element impact per issue (as above), with units Element impact per issue (as above), with units Element impact per issue (as above) are the model: Element impact per issue (as above), with units Element impact per issue (as above), with units Element impact per issue (as above). quantities, with units Site wastage quantities, with units Replace, repair, refurbish quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recycling or disposal (landfill, incineration) quantities, with units Reuse, recyc 3 are not covered by any LCA tools approved by BRE at the moment. The volume considered should be taken as the construction product's overall external dimensions, including any internal voids and air spaces. IMPACT compliant tools A copy of the full IMPACT project or building file submitted by the assessor to BRE Global must be transmitted in the following format: For 3D CAD or building information model (BIM) based IMPACT compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the impact compliant tools: In Industry Foundation Classes (IFC) or the see KBCN0237 for further details on using the calculator with verified LCA tools. However, if for reclaimed timber the original procurement details are unobtainable, robust evidence to demonstrate it has been reclaimed can be acceptable. The items in blue should be edited by the design team to confirm the extent the tool has been used on the project. Scope of IMPACT Compliant (or equivalent) Tools and Data Submission Requirements - BREEAM UK New Construction 2011 and 2014 versions. Essentially, the areas that need to be assessed are all the areas of hard landscaping (as defined within the relevant definitions) that are within the scope of works of the building under assessment. Typically, on-site recycled material is treated with very little impact, or ignored, as there is little or no energy/material input in putting it in place. When recycled material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, transport, as well as any processing the material is brought in from elsewhere, as well as any processing the material is bro declaration of the environmental impacts associated with specified life cycle assessment (LCA) studies on their product(s) and publish the results in verified EPDs, help to create a knowledge base and an awareness of the environmental impacts quantified using standardised metrics. It provides information about IMPACT and the level of detail (the Quality Requirements) and file transmission requirements for the Building Information Model (BIM) from IMPACT compliant (or equivalent) tools. This allows benchmarking and the identification of improvement opportunities for the product's environmental credentials. If there are several buildings with individual assessments and their own defined scope of works, then the hard landscaping and boundary protection applicable to the scope of works of each individual building will be assessed for each associated assessment. And defines 'recycled timber' as: "...recovered wood that prior to being supplied to the Contracting Authority had an end use as a standalone object or as part of a structure and which has completed its lifecycle and would otherwise be disposed of as waste. It will also calculate the performance of the building elements and the overall number of credits to be awarded. 18/10/2018 Applicability to UK NC2018 removed; relevant guidance is included in the technical manual. For this reason, as opposed to the UK New Construction schemes, the performance/scoring of building elements are not linked to the scoring of the Mat 01 tool and credits achieved. If your specification is different from all of the generics, please submit a request for a bespoke rating. Outdoor foundations - KBCN0787 Outdoor foundations for lighting poles, bike racks, charging stations, etc., need to submit a landscaping proforma along with any supporting documentation on the materials and their use and BRE will provide a rating and/or guidance. Any other freestanding walls or fencing within the site can be excluded. Click on the thumbnail for the full table. Items coloured green within the calculator are locked because they do not change when using the LCA tool. Evidence requirements Note: Aside from the likely benefit to the environment from teams using LCA tools, the objective for BREEAM is to gather LCA performance data in order to create benchmarks and inform future updates of the scheme. EPDs which have expired or are pending verification at the time the relevant product was specified, cannot contribute to awarding credits. Information correct as of 1stJune 2022. Please see kb.breeam.com for the latest compliance information. Therefore, if all buildings on one site are being assessed in one BREEAM assessment, then the hard landscaping and boundary protection related to all of these building's scope of works will need to be assessed. An element listed as 'Y' can be changed to a 'N' if the LCA tool has not been used for the element in the assessment. Legally traded: Evidence of compliance with the CPET (see here, timber bought inside the UK only) FSC, PEFC or SFI certification Risk assessment/due diligence documentation demonstrating a low risk of non-compliance with the 'legally traded' requirements given in the manual. Astroturf (artificial grass) - KBCN0106 This is not be considered as hard landscaping and should be excluded from the assessment of this issue. The RSCS score that is entered into the Mat 03 calculator comes from the relevant table in Guidance Note 18. Timber should, wherever possible, be sourced in accordance with the UK Government's Timber Procurement Policy. Design stage requirements where specific product details are unknown - KBCN1483 The Mat 03 tool must be completed in accordance with the Methodology, providing all available details and submitted as evidence. If a responsible sourcing scheme is not in the drop-down menu, assessors should check Guidance Note GN18 for the scheme and manually enter the name of the recognised scheme and its point score. The definition excludes basement parking, access or approach roads and designated vehicle manoeuvring areas, balconies, roof terraces, specialist sports areas (running tracks, netball areas etc.) and retaining walls. As in this case fabrication on site is effectively part of the onsite building process, the certification of the individual products (e.g. aggregates, cement), as delivered to site, shall be used in the assessment instead. This is reflected in the relevant Mat 01 tool. In the UK manuals BS 8903:2010 was incorrectly listed as BS 8902:2009. This applies in all cases, including when the buildings are on the same plot and are built to the same specifications. Assessors should, however, consider whether additional protection is required at the vehicular entrance to underground car parks. For example internal doors cannot be assessed by the Green Guide. Where products or materials are subject to a performance specification and a specific manufacturer and certificate reference cannot be provided, the missing details should be completed as 'tbc'. For the opaque area of the external wall (Area A in the figure below): Select the relevant generic specification from the Green Guide (element category - External walls / Curtain walling, then either aluminium or timber framed and the internal skin specification) and note the rating and element number. Data permissions Submission of information to BRE Global for the purpose of assessing this issue will be required at QA stage. For the glazed (window-like) area of the curtain wall (Area B): Select the relevant specification from the Commercial window element category of the Green Guide. This reference is incorrect and should, instead, point to the Compliance Note "Repairs to existing in situ elements may be excluded provided no more than 20% of the total area; or volume of the existing element is subject to minor alternations, repair or maintenance'. Information correct as of 1stJune 2022. In this instance the developer does not have control over the materials specified, therefore it is not appropriate to include them in the assessment. Column S confirms if the assessment building includes the element and should be included. 20/08/2021 Scope clarified in accordance with the New Rules of Measurement (NRM) by the Royal Institute of Chartered Surveyors (RICS). By implication, there are also opportunities for economic and social benefits to the manufacturer, such as the reduction in resource wastage through improvements in product design and manufacturing efficiency. The exemplary credit is available for both options. 12/01/2017 Reference to LCA approved tools updated. The overall performance of the curtain wall will combine the ratings for the two parts according to their areas. The submission is deemed to grant permission for the BRE Group of companies to use the information to: Fulfil BREEAM quality assurance requirements Conduct further research (using anonymised data), including for the establishment of robust building level life cycle performance benchmarks in BREEAM and BRE associated tools and methodologies. This is a result of the maturity of the mat EPDs will drive costs down. Therefore, where robust evidence can be provided that the composition and properties of such products or materials have not changed since they were certified, the expired Green Guide Rating may be used, where available for different building types. Where Green Guide is being used to assess the issue, it is likely that the online Green Guide to Specification only provides generic rating and for this reason it cannot be used to demonstrate compliance with Option 2 criteria. A table in MS Excel or CSV file format listing each building element with, for each one, the information listed under 2 b, c and d (from the 'other tools' section), along with the NRM classification. 04/11/2019 Confirmed applicability to UK NC2018 27/03/2020 Added applicability to Green Guide ratings and ISO 14001 certificates 27/05/2020 Reference to ISO 14001 removed - Whilst the same principle applies, the wording relating to product specification does not - See KBCN1401. HQM - For the purpose of HQM, green roofs fall under 3.3 Specialist roof systems therefore should be provided and the following guidance applies: Common elements (e.g. roof, foundations, external walls etc): apportion a percentage of the total GIFA (e.g. if an assessment accounts for 10% of the total GIFA, 10% of the element's impact is apportioned to that assessment). It also covers reclaimed timber which was abandoned or confiscated at least ten years previously." As per the above policy, BREEAM requires "Documentary evidence and independent verification" that all reclaimed/recycled timber products meet the definition of 'recycled timber' given above. BREEAM is primarily trying to encourage designers to take EPDs into consideration when specification of surfaces for multi-use areas (e.g. cement, tarmac, asphalt) must still be assessed. Mat 01 / Mat 03 calculator not big enough - KBCN0647 If a project has more specifications than there is rows available in the tool you can group specifications that have the same green guide rating/responsible sourcing levelwith each of the specifications with the same row. HQM - Applies to HQM's Responsible Sourcing of Construction Products assessment issue. 03.11.2021 Issue 2.0 of the UK RFO technical manual updated. This is one of the markers of BRE's strategic approach to the selection and procurement of construction materials and products. The correct standard in the definition of Sustainably. For RFO schemes, the assessment parts must also be selected. 03.11.2021 Issue 2.0 of the UK RFO technical manual corrected. The reward for EPDs in BREEAM assessment. To apply for a new tool to be evaluated, please contact: Where more than one version of the same tool is listed for a given scheme version, the most recent version of the tool (that is available at the point building LCA work commences on the project) should be used. It is not an FSC certification on its own and products classed as FSC Controlled Wood do not meet the BREEAM definition of responsibly sourced. For example if there are no stairs in the assessment, then this element is removed from the calculator). This is to recognise that option 2 is a less detailed and extensive way to demonstrate compliance than option 1 'Project life cycle assessment study', for which the maximum score of six credits can be achieved. Elements that are only in a given assessment they are in. Minor fixings (brackets, nails, screws etc.), adhesives, seals and ironmongery would normally fall below this threshold. Enter the rating into the BREEAM Materials calculator with the area for the opaque section of the curtain wall (Area A). This is because there are now LCA tools that can be used to address Parts 2 and 3. Setting of Responsible Sourcing Certification Scores (RSCS) - KBCN00017 Mat 03 credits require the majority of the materials used to be sourced with a high RSCS score. The LCA tool is then given its own tab in the calculator, which confirms the maximum score the tool can achieve, if used to its fullest extent. This is the rating that needs to be entered in the Mat 03 calculator. The importance of EPDs - KBCN0895 The publishing of a third party verified EPD by a manufacturer indicates a transparent, robust and credible step in the pursuit and achievement of real sustainability in practice. For example, BS EN 15978:2011 (or equivalent). Transmitted in IFC, MS Excel or CSV file format. These recognised tools may be either an IMPACT Compliant tool or another type of building LCA tool that has been evaluated by BREEAM and considered suitable for carrying out building LCA according to BREEAM's scheme specific requirements. This provides greater flexibility of use for the tool making allowance for updates to Guidance Note GN18. The government UK Government Timber Procurement Policy Timber Procurement Advice Note (6th edition) states: As an alternative to demanding timber and wood-derived products from a Legal and Sustainable source, Contracting Authorities can demand 'recycled materials in hard landscaping, the Green Guide rating will depend on whether the material comes from the same site or from another location. This supersedes the guidance previously provided in relation to Green Guide validity in KBCN0798 There are currently no Green Guide ratings available for raised access floors, therefore the components making up the raised floor element itself should be excluded from the assessment of this issue. Specifications performing the same function are grouped together in the Green Guide to Specification. This means that curtain walling needs to be modelled as two separate building elements (external walls and windows). 05/10/2017 New reference to BS ISO 20400:2017 added. It will depend on the curtain walling system selected, the choice of internal lining and the relevant proportion of glazed and opaque elements. This ensures that a strategy for compliance can be demonstrated, even where some specific details are unavailable. The evidence requirements below are generic, but BRE Global understand that some tools are not able to fulfil all of the criteria. Single building with multiple assessments within it Where multiple assessments are conducted for different parts of a building, it is acceptable to have a single LCA model covering all assessments. BRE Environmental Profile certificates - KBCN0777 BRE Environmental Profile certificates are compliant EPDs and can be used as evidence for the purposes of Mat 01. Designing for Durability and Resilience Criteria 1c, 2, 3, 4 and 5 are not applicable to Part 4 assessments. Boundary Protection - KBCN0753 Only boundary protection specifically forming the site boundary should be included in the calculations. The term 'recycled' is used to cover the following categories: preconsumer recycled wood and wood fibre or industrial by products but excluding sawmill co-products (sawmill co-products are deemed to fall within the category of virgin timber), post-consumer recycled wood and wood fibre, and drift wood. Raised access floors - KBCN00018 For the purposes of Mat 03, raised access floors should be considered as part of the floor structure. Therefore, for the credit to be awarded, only the 'Protecting vulnerable parts of the building from damage' criteria 1a and 1b need to be complied with. All relevant references will be updated to BS ISO 20400:2017 in the coming re-issues of the manuals. Building element categorisation to be according to New Rules of Measurement (NRM) Royal Institution of Chartered surveyors (RICS). GreenBookLive Responsible Sourcing 'Building services' refers to the equipment and distribution systems specified for providing heating, power, ventilation, lighting, air-conditioning and domestic water services in a building, 01/06/2020; Amended to clarify and extended applicability to Mat 03 Curtain walling performs two functions - the provision of external walls. Exemptions from hard landscaping or the provision of external walls. Exemptions from hard landscaping or boundary protection, and these materials do not achieve a Green Guide rating of A/A+, it is possible to exempt these materials from the assessment of this issue, on the condition that robust evidence confirming this is given. 03/11/2021 Issue 2.0 of the UK RFO technical manual corrected. This may not necessarily be located on the boundary of ownership, but is the physical barrier which ostensibly encloses the development. These are included in the 'basement retaining walls'. Developing assessment-specific LCA models ensures that material quantities are accurate, refer to the actual building (and building type) and account for external works included within the scope of the specific assessment. Option 2 - Use of Green Guide to Specification - KBCN0964 As per the relevant Compliance Note, the Green Guide is a compliant LCA tool. — An example route 2 calculation — 'Broken chain' situations — How to treat building services View full Guidance Note (licensed assessors only) View all Guidance Notes (licensed assessors only) Green Guide - Updated validity requirements - KBCN1466 It has been recognised that, due to the withdrawal of the Green Guide methodology in the current version of BREEAM UK New Construction, some manufacturers are not updating their product certifications against this environmental profiling scheme. FSC Controlled Wood - KBCN00054 FSC Controlled Wood is a system developed to ensure that the non-certified portion in products labelled as Mixed Sources do not come from unwanted sources. For spreadsheet-based IMPACT compliant tools: IFC, MS Excel or comma-separated variables (CSV) file format. However, Option 2 is an elemental approach, for which the Green Guide cannot be used, as robust environmental performance information for the specific new element needs to be provided. As a minimum, this location/use category should include the equipment and controls specified for the building services. Where this is the case, the tool operator should submit results as close as possible to that required for the tool. 12/08/2021 Clarification regarding the validity of EPDs during QA submission and removal of reference to Green Guide ratings The following evidence requirements, taken from the BREEAM International New Construction 2016 manual, give further information on the evidence that can be used to demonstrate compliance. The external walls in a building LCA tools that are recognised by BREEAM for each BREEAM scheme. However, for BES 6001, the score is per certificate because 6001 works at different levels of rigour. Once you have found the product, by searching on the page below, click 'More..' on the right-hand side to reveal further details, including the BREEAM score level. We recognise that there may be steep costs at the moment to small manufacturers wishing to publish verified EPDs for their products. LCA modelling for multiple BREEAM assessments - KBCN0960 Multiple buildings' assessment model (using an IMPACT compliant software tool or equivalent). Download Guidance Note 18 (current version) Download Guidance Note 18 v2.0 (licensed assessors only - optional for projects registered prior to release of v3.0 in September 2016) View all Guidance Notes (licensed assessors only - optional for projects registered prior to release of v3.0 in September 2016) View all Guidance Notes (licensed assessors only - optional for projects registered prior to release of v3.0 in September 2016) View all Guidance Notes (licensed assessors only - optional for projects registered prior to release of v3.0 in September 2016) View all Guidance Notes (licensed assessors only - optional for projects registered prior to release of v3.0 in September 2016) View all Guidance Notes (licensed assessors only - optional for projects registered prior to release of v3.0 in September 2016) View all Guidance Notes (licensed assessors only - optional for projects registered prior to release of v3.0 in September 2016) View all Guidance Notes (licensed assessors only - optional for projects registered prior to release of v3.0 in September 2016) View all Guidance Notes (licensed assessors only - optional for projects registered prior to release of v3.0 in September 2016) View all Guidance Notes (licensed assessors only - optional for projects registered prior to release of v3.0 in September 2016) View all Guidance Notes (licensed assessors only - optional for projects registered prior to release of v3.0 in September 2016) View all Guidance Notes (licensed assessors only - optional for projects registered prior to release of v3.0 in September 2016) View all Guidance Notes (licensed assessors only - optional for projects registered prior to release of v3.0 in September 2016) View all Guidance Notes (licensed assessors only - optional for projects registered prior to release of v3.0 in September 2016) View all Guidance Notes (licensed assessors only - optional for projects registered prior to release of v3.0 in September 2016) View all Guidance Notes (licensed assessors only - optional for projects registered prior to release out in Mat 03. When choosing to assess under option 2 'Elemental assessment of environmental performance information', the online tool allows 'All other buildings' and 'Industrial' assessments to achieve a maximum of four out of six and one out of two credits respectively. Tools other than IMPACT that may cover more elements can be used in the future, once they have been submitted to BREEAM for evaluation. The requirements are intended to address the issue of damage to vulnerable parts of the facade, which would require repair/replacement in the event of minor vehicular collisions. Where the tool further permits, or where complete measurement of the aforementioned stages is not possible, more detail should be provided. It also outlines criteria for demonstrating the equivalence of a proposed alternative to IMPACT compliant tools for BRE Global approval. There are two specifications: Aluminium curtain walling system (Element no: 831500015) Enter the rating into the BREEAM Materials calculator with the area for the glazed (window-like) section of the curtain wall (Area B). It is acceptable to use subsequent, more recent releases/versions of a recognised tool (that have the same name as shown in the table). Items listed as 'N' in column W 'Included in assessment?' cannot be changed to a 'Y', as the LCA tool cannot be used for this element.

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