Text

Description automatically generated

(**Replace logo)**

BUILDING NAME, LOCATION

\*COMPLETED BY / ROLE / COMPANY

HEA02- EMISSIONS FROM CONSTRUCTION PRODUCTS (VOC EMISSIONS)

VULNERABLE AND EXPOSED ELEMENTS RISK ASSESSMENT

.……………………………………………………………………………….

BASED UPON BREEAM NEW CONSTRUCTION VERSION 6 (SD5079)

Please note any information in red text is an example – Please replace this as part of completion of the table & add new rows where necessary.

**ONE CREDIT**

In order to achieve one credit, three out of the five product types should meet the emission limits, testing requirements and any additional requirements. Where wood-based products are not one of three selected product types, all wood-based products used for internal fixtures and fittings must be tested and classified as formaldehyde E1 class as a minimum.

**TWO CREDITS**

In order to achieve two credits, all of the product types listed should meet the emission limits, testing requirements and any additional requirements.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Material | Use / location | Product Specified | BREEAM Testing Requirement | Compliant with which standard? | Manufacturers Literature  (TBC At Post Construction) | Purchase Evidence  (TBC At Post Construction) |
| Interior paints and coatings | | | | | | |
| Paints (walls and ceilings) | Lobby, ticket office, WC. | Dulux trade – Diamond matt light and space | Each product must meet one of the below standards:  eco-INSTITUT-Label  EMICODE EC 1PLUS  EMICODE EC 1  EMICODE EC 2  GREENGUARD Certified  GREENGUARD Gold  Indoor AdvantageTM Gold - Building Materials  Indoor Air Comfort®  Indoor Air Comfort Gold®  M1 Emission Classification of Building Materials  natureplus® eco-label  Additional requirement: Meet TVOC content limits; Paints used in wet areas (e.g. bathrooms, kitchens, utility rooms) should protect against mould growth | EMICODE EC 1PLUS | TBC | TBC |
|  |  |  |  | TBC | TBC |
|  |  |  | TBC | TBC |
| Paints (softwood joinery) |  |  |  | TBC | TBC |
|  |  |
| \*Add further rows as necessary |  |  |  |  |  |
| Wood-based products (including wood flooring) | | | | | | |
| Particleboard (MDF) |  |  | Each product must meet one of the below standards:  eco-INSTITUT-Label  GREENGUARD Certified  GREENGUARD Gold  Indoor AdvantageTM Gold - Building Materials  Indoor Air Comfort®  Indoor Air Comfort Gold®  M1 Emission Classification of Building Materials  natureplus® eco-label |  | TBC | TBC |
| Fibreboard |  |  |  | TBC | TBC |
| OSB |  |  |  | TBC | TBC |
| Cement-bonded particleboard |  |  |  | TBC | TBC |
| Plywood |  |  |  | TBC | TBC |
| Graded softwood |  |  |  | TBC | TBC |
| Graded softwood |  |  |  | TBC | TBC |
| \*Add further rows as necessary |  |  |  |  |  |
| Flooring materials (including floor levelling compounds and resin flooring) | | | | | | |
| Carpeting |  |  | Each product must meet one of the below standards:  eco-INSTITUT-Label  EMICODE EC 1PLUS  EMICODE EC 1  EMICODE EC 2  FloorScore®  GREENGUARD Certified  GREENGUARD Gold  GUT  Indoor Air Comfort®  Indoor Air Comfort Gold®  M1 Emission Classification of Building Materials  natureplus® eco-label |  | TBC | TBC |
| Carpeting |  |  |  | TBC | TBC |
| Vinyl / Linoleum |  |  |  | TBC | TBC |
| Vinyl / Linoleum |  |  |  | TBC | TBC |
| Floor leveling compounds |  |  |  |  |  |
| Resin flooring |  |  |  |  |  |
| \*Add further rows as necessary |  |  |  |  |  |
| Ceiling, wall, and acoustic and thermal insulation materials | | | | | | |
| Suspended Ceiling |  |  | Each product must meet one of the below standards:  eco-INSTITUT-Label  GREENGUARD Certified  GREENGUARD Gold  Indoor AdvantageTM Gold - Building Materials  Indoor Air Comfort®  Indoor Air Comfort Gold®  M1 Emission Classification of Building Materials  natureplus® eco-label |  | TBC | TBC |
| \*Add further rows as necessary |  |  |  |  |  |
| Interior adhesives and sealants (including flooring adhesives) | | | | | | |
| Adhesive |  |  | Each product must meet one of the below standards:  eco-INSTITUT-Label  EMICODE EC 1PLUS  EMICODE EC 1  EMICODE EC 2  FloorScore®  GREENGUARD Certified  GREENGUARD Gold  Indoor AdvantageTM Gold - Building Materials  Indoor Air Comfort®  Indoor Air Comfort Gold®  M1 Emission Classification of Building Materials  natureplus® eco-label |  | TBC | TBC |
| \*Add further rows as necessary |  |  |  |  |  |