# indoor pollutants

### Credit 12

### Design Review Submission As Built Submission

|  |  |  |  |
| --- | --- | --- | --- |
| Total Points available: | 6 | Points claimed: | [#] |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Name** | **Description** | Points Available | Points Claimed |
| **12.1** | **Paints, Adhesives, Sealants and Carpets** | At least 95% (by volume) of all internally applied paints, adhesives, sealants and carpets meet stipulated ‘Total VOC Limits’; or no paints, adhesives, sealants or carpets are used in the fitout. | 2 | [#] |
| **12.2** | **Engineered Wood Products** | At least 95% (by area) of all engineered wood products meet stipulated formaldehyde limits; or no new engineered wood products are used in the fitout. | 2 | [#] |
| **12.3** | **Indoor Plants** | Indoor plants are distributed across the nominated area and are maintained. | 2 | [#] |

## Project-specific technical questions (formerly tcs and cirs)

|  |  |
| --- | --- |
| There are no project-specific Technical Questions for this credit. |  |
| There are project-specific Technical Questions for this credit and all responses received from the NZGBC are attached. |  |

## Please justify if NA is claimed

## 12.1 paints, adhesives, sealants and carpets

Please select one of the following compliance methods:

|  |  |
| --- | --- |
| 95%of all internally applied paints, adhesives, sealants (by volume) and carpets (by area) meet the stipulated ‘Total VOC Limits’ of 13.1.1 and 13.1.2 as applicable; or products are certified under a Product Certification Scheme. |  |
| No paints, adhesives, sealants or carpets are used in the project. |  |

### 12.1.1 Paints, Adhesives and sealants

Provide a description of how the ‘Paints, Adhesives and Sealants’ requirements have been met and the compliance pathway(s) used.

## All paints used in the project are detailed below.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 12.1.1 paints – Summary table | | | | | |
| Paint product name | Volume (L) | Benchmark TVOC Limit | Actual TVOC | Reference to Product Certification (12.1.1A) or Laboratory Testing (12.1.1B) | Compliant (Y/N) |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **Total compliant volume** | | | | | [##]% |

Note: Project teams may add more rows as required or use an attachment to display this information.

## All adhesives and sealants used in the project are detailed below.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 12.1.1 adhesives and sealants – Summary table | | | | | |
| **Adhesive or sealant** product name | Volume (L) | Benchmark TVOC Limit | Actual TVOC | Reference to Product Certification (12.1.1A) or Laboratory Testing (12.1.1B) | Compliant (Y/N) |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **Total compliant volume** | | | | | [##]% |

Note: Project teams may add more rows as required or use an attachment to display this information.

Identify where this information can be found within the supporting documentation provided.

|  |  |
| --- | --- |
| **Supporting Documentation** (Name / title / description of document) | **Reference** (Page no. or section) |
| [####] | [####] |
| [####] | [####] |

### 12.1.2 Carpets

Provide a description of how the ‘Carpets’ requirements have been met and the compliance pathway(s) used.

## All carpets installed on the project are detailed below.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 12.1.2 CARPETS – Summary table | | | | | |
| Carpet product name | Area (m2) | Benchmark TVOC Limit | Actual TVOC | Reference to Product Certification (12.1.2A) or Laboratory Testing datasheet (12.1.2B) | Compliant (Y/N) |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **Total compliant area** | | | | | [##]% |

Note: Project teams may add more rows as required or use an attachment to display this information.

Identify where this information can be found within the supporting documentation provided.

|  |  |
| --- | --- |
| **Supporting Documentation** (Name / title / description of document) | **Reference** (Page no. or section) |
| [####] | [####] |
| [####] | [####] |

## 12.2 Engineered wood products

Please select one of the following compliance methods:

|  |  |
| --- | --- |
| 95% (by area) of engineered wood products used in the fitout meet stipulated formaldehyde limits of 12.2; or they are certified under a Product Certification Scheme |  |
| No new engineered wood products are used in the fitout. |  |

Provide a description of how the above requirement has been met and any compliance pathway(s) used.

All engineered wood products installed in the project are detailed below.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Summary table - engineered wood products | | | | | |
| Engineered wood product | Area (m2) | Emission Limit | Actual Emission Value | Reference to Product Certification (12.2A) or Laboratory Testing datasheet (12.2B) | Compliant  (Y/N) |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **Total compliant area** | | | | | [##]% |

Note: Project teams may add more rows as required or use an attachment to display this information.

Identify where this information can be found within the supporting documentation provided.

|  |  |
| --- | --- |
| **Supporting Documentation** (Name / title / description of document) | **Reference** (Page no. or section) |
| [####] | [####] |
| [####] | [####] |

## 12.3 Indoor plants

|  |  |
| --- | --- |
| Indoor plants are distributed throughout the nominated area, in accordance with 12.3.1. |  |
| An ongoing maintenance plan is established for all plants, in accordance with 12.3.2. |  |

Provide a description of the nominated area and how the above requirements have been met.

## All indoor plants located in the project are detailed below.

|  |  |  |  |
| --- | --- | --- | --- |
| Summary table - indoor plants | | | |
| Space (name and area) | Number of potted plants with surface area greater than 500cm2 | Plant density greater than 1 per 10m2? (Y/N) | Ongoing maintenance in place? (Y/N) |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Note: Project teams may add more rows as required or use an attachment to display this information.

Identify where this information can be found within the supporting documentation provided.

|  |  |
| --- | --- |
| **Supporting Documentation** (Name / title / description of document) | **Reference** (Page no. or section) |
| [####] | [####] |
| [####] | [####] |

## DISCUSSION

Outline any issues you would like to highlight and clarify with the Certified Assessor(s).

## DECLARATION

I confirm that the information provided in this document is truthful and accurate at the time of completion.

Provide author details, including name, position and email address:

[Date]

––– **Report end** –––