



# LEED 2009 for Core & Shell Development

## IEQ CREDIT 4.1: LOW-EMITTING MATERIALS

### ADHESIVE AND SEALANTS

All fields and uploads are required unless otherwise noted.

#### ALL OPTIONS

This static sample form has been modified for offline access. All sections of the form are visible. Sample forms are for reference only.

Select one of the following:

- ☐ None of the adhesive or sealant products used on the interior of the building exceed the allowable VOC limit.
- ☐ **VOC Budget:** One or more of the adhesives or sealants used on the interior of the building exceeds the allowable VOC limit.

#### NO ADHESIVE OR SEALANT PRODUCTS EXCEED THE VOC LIMITS

Table L-5. Flooring Adhesives and Sealants

Product Type	Product Manufacturer	Product Name / Model	Product VOC Content	Allowable VOC Content	Source of VOC Data (letter, cutsheet, MSDS sheet, etc.)	Source of VOC Data Provided
						<input type="checkbox"/>
All products meet allowable VOC content						

For this compliance path, all products listed must have a VOC content equal to or less than the allowable VOC limit for the selected product type.

Table IEQc4.1-1. Non-Flooring Adhesives & Sealants

Product Type	Product Manufacturer	Product Name / Model	Product VOC Content	Allowable VOC Content	Source of VOC Data (letter, cutsheet, MSDS sheet, etc.)	Source of VOC Data Provided
						<input type="checkbox"/>
All products meet allowable VOC content						

For this compliance path, all products listed must have a VOC content equal to or less than the allowable VOC limit for the selected product type.

All adhesives and sealants used on the inside of the weatherproofing system and applied on-site have been included in the tables above.

Signatory

Initial Here:

Percentage of Source of VOC Data provided for items listed in the tables above:

Upload IEQc4.1-1. Provide the source of VOC data for at least 20% of the materials listed in the tables above, by item (not by cost).

AT LEAST ONE PRODUCT EXCEEDS THE VOC LIMITS

Table L-6. Flooring Adhesives and Sealants VOC Budget

Product Type	Product Manufacturer	Product Name / Model	Product VOC Content	Allowable VOC Content	Source of VOC Data (letter, cutsheet, MSDS sheet, etc.)	Source of VOC Data Provided	Volume of product used (L)	Base-line Case VOC (g)	Design Case VOC (g)
Totals									

Table IEQc4.1-2. Non-Flooring Adhesives & Sealants VOC Budget

Product Type	Product Manufacturer	Product Name / Model	Product VOC Content <sup>1</sup>	Allowable VOC Content	Source of VOC Data (letter, cutsheet, MSDS sheet, etc.)	Source of VOC Data Provided	Volume of product used (L)	Base-line Case VOC (g)	Design Case VOC (g)
Totals									

<sup>1</sup> In the case of aerosol adhesives, the project team must provide a conversion of both the product VOC content and the corresponding allowable VOC limit from percent by weight (excluding water) to grams per liter (excluding water), based upon the density of the product.

Table IEQc4.1-3. Adhesives and Sealants VOC Budget Summary

	Baseline Case VOC (g)	Design Case VOC (g)
Flooring Adhesives and Sealants		
Non-Flooring Adhesives and Sealants		
Total		

Note: The Design Case VOC total must be less than or equal to the Baseline Case VOC total.

All adhesives and sealants used on the inside of the weatherproofing system and applied on-site have been included in the tables above.

Signatory

Initial Here:

Percentage of Source of VOC Data provided for items listed in the tables above:

Upload IEQc4.1-2. Provide the source of VOC data for at least 20% of the materials listed in the table above, by item (not by cost).

ADDITIONAL DETAILS

☐ Special circumstances preclude documentation of credit compliance with the submittal requirements outlined in this form.

SPECIAL CIRCUMSTANCES

Describe the circumstances limiting the project team's ability to provide the submittals required in this form. Be sure to reference what additional documentation has been provided, if any. Non-standard documentation will be considered upon its merits.

Upload IEQc4.1-SC. Provide any additional documentation that supports the claim to special circumstances. (Optional)

☐ The project team is using an alternative compliance approach in lieu of standard submittal paths.

## ALTERNATIVE COMPLIANCE PATH

Describe the alternative compliance path used by the project team. Include justification that this path meets the credit intent and requirements. Be sure to reference what additional documentation has been provided, if any. Non-standard documentation will be considered upon its merits.

**Upload IEQc4.1-ACP.** Provide any additional documents that support the alternative compliance path approach. (Optional)

☐ The project team is pursuing exemplary performance for IEQ Credit 4.

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## SUMMARY

IEQ Credit 4.1: Low-Emitting Materials - Adhesives and Sealants  
Points Documented:

IEQ Credit 4.1: Low-Emitting Materials - Adhesives and Sealants  
Exemplary Performance Documented:

☐ The project team reserves one point in the Innovation in Design credit category for exemplary performance in IEQ Credit 4 suite.