

Compliance of AltroFix W139 adhesive to BREEAM 2018

AltroFix W139 adhesive is compliant to the requirements of the following sections of BREEAM 2018:

HEA 02 – Indoor Air Quality

Emission criteria by product type – BREEAM 2018 Table 5.11

Emission limit*			Testing requirement	Additional requirements
Formaldehyde	Total volatile organic compounds (TVOC)	Category 1A and 1B carcinogens		
Interior adhesives and sealants (including flooring adhesives)				
≤ 0.06 mg/m ³	≤ 1.0 mg/m ³	≤ 0.001 mg/m ³	EN 13999 (Parts 1-4) / ISO 16000-9 / EN 16516 / CDPH Standard Method v1.1	N/A

Emission criteria by product type – Exemplary Level BREEAM 2018 Table 5.12

Emission limit*				Testing requirement	Additional requirements
Formaldehyde	Total volatile organic compounds (TVOC)	Total semi-volatile organic compounds (TSVOC)	Category 1A and 1B carcinogens		
Interior adhesives and sealants (including flooring adhesives)					
≤ 0.01 mg/m ³	≤ 0.3 mg/m ³	≤ 0.1 mg/m ³	≤ 0.001 mg/m ³	EN 13999 (Parts 1-4) / ISO 16000-9 / EN 16516 / CDPH Standard Method v1.1	N/A

Compliance of AltroFix W139

AltroFix W139 complies with the requirements of HEA 02 under BREEAM 2018.

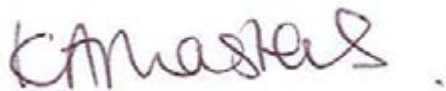
For compliance to these BREEAM credits, adhesives should satisfy the limits for formaldehyde, TVOC and category 1A and 1B carcinogens. For exemplary level credits they should also satisfy the limits for TSVOC.

	Formaldehyde	TVOC	SVOC	Cat 1A and 1B carcinogens
AltroFix W139	≤ 0.003 mg/m ³	≤ 0.005mg/m ³	≤ 0.005 mg/m ³	None detected
HEA02 standard Criteria	≤ 0.06 mg/m ³	≤ 1 mg/m ³	-	≤ 0.001 mg/m ³
HEA02 Exemplary credit	≤ 0.01 mg/m ³	≤ 0.3 mg/m ³	≤ 0.1 mg/m ³	≤ 0.001 mg/m ³

Compliance is as follows:

1. Formaldehyde – ≤ 0.01 mg/m³.
2. TVOC – Tested in accordance with EN 13999. TVOC ≤ 0.3 mg/m³.
3. TSVOC - Tested in accordance with EN 13999. TSVOC ≤ 0.1 mg/m³.
4. Category 1A & 1B carcinogens – no category 1A & 1B carcinogens are present in AltroFix W139

Kind regards



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