

JVP 4x4 Assessment of contribution to BREEAM prerequisite credits.

The following is an assessment of the main contributions, related to the JVP 4x4 product range, useful to achieve the main credits of BREEAM certification.

Credits	Prescriptions BREEAM	JVP Conformity and Contribution
Management		
Man 02 Life cycle cost and service life planning	To deliver whole life value by encouraging the use of life cycle costing to improve design, specification, through-life maintenance and operation, and through the dissemination of capital cost reporting promote economic sustainability.	JVP life cycle information can be part of the building's LCC analysis. The following information are useful for LCC study: Expected span life: Considered the composition, the production's technology and the laying places, always internal and protected from any atmospheric agent, the JVP 4x4 span life reaches, at least, 25 years, period that JVP officially grants. Technical consideration: All JVP 4x4 systems are composed by three elements, as folded galvanized steel sheet, chipboard and/or calcium sulphate and fibers core and water based pvc and catalyst glue to combine as well as fix the whole compound, generating a metallic box which seals the panels on all its 6 faces.
Health and Wellbeing		
Hea 02 Indoor Air Quality	To recognize and encourage a healthy internal environment through the specification and installation of appropriate ventilation, equipment and finishes. Materials must meet the emission levels of volatile organic compounds (VOC) in accordance with ISO 10580, ISO 16000-9, CEN / TS 16516 or CDPH Standard. Method v1 test standards. Respecting VOC emissions limits.	JVP 4x4 products have Indoor Air comfort Gold VOC emission test. This test demonstrates the product conformity to BREEAM certification.
Materials		
Mat 01 Life cycle impacts	To recognize and encourage the use of construction materials with a low environmental impact (including embodied carbon) over the full life cycle of the building. The credit requires that at least five products out of ten categories, have Environmental Product Declarations (EPDs). EPD certification must comply with ISO 14025, ISO 21930 or EN 15804.	JVP 4x4 access flooring have EPD Environmental product declaration certification Type III with external verification. Certification is compliance with ISO 14025 standard.
Mat 03 Responsible sourcing of materials	To recognize and encourage the specification of responsibly sourced materials for key building elements.	JVP 4x4 access flooring contribute to the achievement of the required percentage through a high recycled content percentage and FSC certification. JVP is certified with the ISO 14001 Environmental Quality System.

Product's name	EPD	FSC Recycled 100%	Recycled contains		C2C Cradle to Cradle Certified	VOC Test Emissions
			Pre Consumer	Post Consumer		
Panels for JVP 4x4 raised access floor system, recycled chipboard core totally encased in two steel galvanized tray.						
C3TTL mm 600x600x23 (light grade)	EPD IT17/0057 SGS	INT-COC-001121	0%	77%	BRONZE	Air Comfort Gold
C4TTL mm 600x600x29 (light grade)	EPD IT17/0057 SGS	INT-COC-001121	0%	82%	BRONZE	Air Comfort Gold
C4TTM mm 600x600x29 (medium grade)	EPD IT17/0057 SGS	INT-COC-001121	0%	81%	BRONZE	Air Comfort Gold
C5TTM mm 600x600x29 (eurograde)	EPD IT17/0057 SGS	INT-COC-001121	0%	83%	BRONZE	Air Comfort Gold
Panels for JVP 4x4 raised access floor system, inert calcium sulphate and recycled paper fibers core totally encased in two steel galvanized tray.						
P3TTL mm 600x600x23 (light grade)	EPD IT17/0056 SGS	n.a.	0%	49%	BRONZE	Air Comfort Gold
P4TTM mm 600x600x29 (medium grade)	EPD IT17/0056 SGS	n.a.	0%	50%	BRONZE	Air Comfort Gold
P4TTH mm 600x600x29 (heavy grade)	EPD IT17/0056 SGS	n.a.	0%	51%	BRONZE	Air Comfort Gold