

DATE: 22.09.14

**Sustainability System: LEED****Applicable Methodology: USGBC – LEED 2009 (v3)****System: Kinetic**

**Description:** Frameless glazed partition system (single glazed) comprising multiple modules of laminated or toughened glass installed into extruded aluminium track sections with glass sealed into tracks with PVC gaskets and between panels with Optima Nebula™, Aluminium or PETG dry-joints.

Kinetic can contribute towards LEED Credits as follows:

**Materials & Resources**

**Credit 3: Material Re-use** Kinetic has the potential to enable the planned re-use of 50% of aluminium tracking and glass elements and can be considered re-locatable if configured with deflection heads.

**Credit 4: Recycled Content** Kinetic components include recycled content as summarised below:

Material	Aluminium <sup>1</sup>	Glass <sup>2</sup>	PVC <sup>3</sup>	Totals (kg/m)
Mass (kg/m)	7.255	81.000	0.335	88.590
Mass % of Total	8.189	91.432	0.378	
Pre-Consumer (%)	0.000	20.000	0.000	18.286
Pre-Consumer (kg/m)	0.000	16.200	0.000	16.200
Post-Consumer (%)	79.000	0.000	0.000	6.470
Post-Consumer (kg/m)	5.731	0.000	0.000	5.731
Sum of post-consumer + half of pre-consumer recycled content = (%)				15.613

Data sources: 1 SAPA (UK); 2 Pilkington (UK); 3 Polyplas

Values taken over a 3 metre linear run in equal 1 metre modules with a single abutment to represent a typical large multi-cell fit-out. Height presumed at 3 metres to account for off-cut wastage.

Aluminium mass/m includes 1/3 of a wall abutment.

PVC mass/m includes for Nebula glass-to-glass joints.

**Credit 5: Regional Materials** Aluminium extrusions produced in various UK locations and delivered via Radstock, Bath, UK. Production Radius from UK site = <500 miles

Glass produced in various UK locations and delivered via UK processor to site. Extraction/Production Radius from UK site = <500 miles

PVC extrusions produced in Stourport, Worcestershire, UK and delivered via Radstock, Bath, UK. Extraction/Production Radius from UK site = <500 miles

**Indoor Environmental Quality**

**Credit 4.1: Low emitting materials: Adhesives & sealants** Glazing silicone (where used) – Very Low VOC: 46g/l (Dow Corning 791T)

**Credit 4.2: Low emitting materials: Paints & coatings** Powder coat finish to aluminium extruded sections – Zero VOC: 0g/l (INVER)

**Credit 8.2: Daylight & Views** Use of fully glazed office fronts using Revolution 54 can provide line of sight to external daylight for areas beyond perimeter cellular offices.

**Issued By:**

**Position:**

Technical Manager

To validate this compliance statement the system installation must be carried out in strict accordance with the details summarised in the Optima Designer's Guide and Installer's Guide.