



LEED Credits

In accordance with LEED BD+C: New Construction v4

MR – BUILDING LIFE CYCLE IMPACT REDUCTION

The aluminium support system, channels, devices and diffuser can potentially be reused in new buildings. The reused system reduces the environmental impact of producing new construction products and materials. If an LCA is being undertaken, PARC can provide the information about the potential reuse of the components and EPDs of many of the components.

MR – BUILDING PRODUCT DISCLOSURE AND OPTIMISATION – ENVIRONMENT PRODUCT DECLARATIONS (EPD)

The supplier of the Node Flush and Recessed channel extrusions is part of Aluminium Extruders Council which hold an industry EPD which conforms to ISO 14025, 14040 and 14044. The EPD is based on data supplied by 11 AEC member companies, across 30 production facilities in the US and Canada.

MR – BUILDING PRODUCT DISCLOSURE AND OPTIMIZATION: SOURCING OF RAW MATERIALS

PARC is committed to promoting recycled content within our supply chain. The Node Recessed and Flush Channel Plenums (steel sheet metal) are made from 25% to 35% recycled material of which 19.8% post-consumer and 14.4% pre-consumer.

Node is manufactured in Winnipeg, Canada.

MR – CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT

All Node Channels are coordinated during design and manufacture so no on site cutting is required, in turn reducing waste.

EQ – LOW-EMITTING MATERIALS

Paint used on Node products does not contain volatile organic compounds (VOC). Our standard black powder coat has been tested according to the Canadian Hazardous Products Regulations, and our standard white powder coat to the directives 2004/42/CE and 2010/75/EU.

EQ – THERMAL COMFORT

Node Flush and Recessed Channel Plenums are available in horizontal and vertical throw configurations to suit a project's thermal comfort requirements. They have been tested in accordance with ASHRAE Standard 70-2006 "Method of testing for Rating the Performance of Air Outlets and Inlets."

EQ – INTERIOR LIGHTING

The Node lighting range of Downlights, Spotlights and Linear Lights all have a CRI of 80 or higher and have a rated life of 50,000 hours. All Node lights with wide (48°) and extra wide (67°) beam widths have a luminance of less than 2,500 cd/klm.