GSAS 2015 V2.1

SAS International

SAS International is committed to ensuring environmental best practice throughout the life of its products to ensuring minimum impact upon the global environment. To that end, we fully support clients and projects which look to obtain and achieve Global Sustainability Assessment System (GSAS) standards.

Set below are the key credits/areas that can be achieved or count towards in relation to specifying or installing SAS International Ceiling System.

Area / Credit, Function	Section	SAS Credit Support & Advice
Indoor Environment (IE)	**IE5 Daylight & IE 6 Glare Control**	SAS International metal ceiling systems may help contribute towards this credit. Our powder coated ceilings finished in white provide up to 86.07% light reflectance dependant on paint colour and perforation pattern.
Indoor Environment (IE)	**IE8 Acoustic Quality**	SAS International metal ceiling systems and partition system have been designed to offer significant impact in managing acoustic performance within buildings. We have extensive experience of meeting acoustic requirements and standards. Our range of ceiling systems can provide up to 1.0 αω / Class A acoustic absorption and up to 54dB acoustic attenuation
Indoor Environment (IE)	**IE9 Low Emitting Materials**	SAS International celling system have products have been tested in line with ISO 16000-9 for VOC's SAS International Metal Ceiling Systems including acoustic pads have been tested to Eurofins Indoor Air Comfort Gold Label version 5.2 in accordance with ISO 16000-9. The test confirmed SAS International metal ceiling systems emit very low levels of VOC's (< 5ug/m3). Furthermore, SAS Ceilings are finished with an electrostatically applied powder coat finish and produces zero or near zero VOCs during manufacture or use. SAS Metal Ceiling system are classified E1 for release of Formaldehyde in accordance with BS13964:2014 (annex E).
Materials	**M2 Responsible Sourcing of Materials**	All SAS International factories are assessed by BSi and have achieved ISO 14001 accreditation. The following EMS numbers apply: SAS Architectural Metalwork: EMS 504170 SAS Metal Ceiling Systems: EMS 504170 SAS Room Comfort Products: EMS 504170 Copies of the ISO 14001 certificates are available on request. SAS International purchases all timber and wood based products for SAS International purchases all timber and wood based products for both our manufactured products and packaging from sources that have a commitment to supply material which originates from sources which offer either FSC (Forestry Stewardship Council) chain of custody, PEFC (Programme for the Endorsement of Forest Certification schemes) chain of custody or complies with the FSC standard for Non FSC Certified Controlled wood. It is our policy to avoid using any timber based materials that have been improperly harvested or derived from genetically modified trees, or from uncertified high conservation value old-growth forests. As holders of both FSC and PEFC certification, with supply of the appropriate materials, we are able to provide full chain of custody upon request

Area / Credit, Funtion	Section	SAS Credit Support & Advice
Materials	**M3 Recycled Materials**	SAS International works with all its suppliers to ensure maximum recycled content is achieved. All SAS products incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials. All SAS Manufacturing plants operate an ISO 14001 programme that actively reduces production waste. Any manufacturing waste is minimised and diverted away from landfill waste being recycled into new virgin raw materials. Pre consumer recycling rates vary depending on manufacturing processes completed. The recycled content of our steel ceiling systems vary from 20% to 25% subject to availability of recycled materials within the global market at time of purchase. The average recycled content can further be broken down into 18% pre-consumer and 6% post-consumer scrap metals. Our aluminium systems have circa 40-60% recycled content subject to availability of recycle materials within the global markets at time of purchase/ manufacture. As part of our chilled and radiant beam systems we use copper tubing, which is using up to 97% recycled materials subject to global markets and availability. SAS International Acoustic Infills are manufactured using mineral wool, which is 100% recyclable so no mineral wool should enter landfill at the end of life.
Materials	**M6 Design for Disassembly** **M4 Materials Reuse**	We seek to work with clients, designers and contractors at the earliest possible stages of a project to ensure the design requirements of client but also to ensure the design minimise waste both within the manufacturing process but also at installation. By adopting this approach we have reduced on-site installation waste to 3-5% and ensure any waste materials are managed into recycling systems All SAS International systems are designed to be disassembled for either re-used or for recycling. Our steel and aluminium Metal Ceiling systems are fully recyclable at the end of life. Both metals have a closed material loop and are recycled back into new steel or aluminium instead of a tertiary product.
Materials	**M7 Life Cycle Assessment (LCA)**	We are able to provide Life Cycle Assessment for our ceiling systems/products on request. Additionally SAS International celling systems carry third party verified Environmental Product Declarations (EPD) to comply with ISO 14025 and EN15804.

Environmental Accreditation/scheme compliance

The information contained within this document only provides guidance of SAS International products and services performance in relation to any environmental/green/sustainable accreditation schemes/system requirement. SAS International would strongly recommend that all potential qualify/guidance data is reviewed and confirmed suitable by qualified and experienced environmental/sustainability assessment professional. SAS International does not accept responsibility for the consequences of deficiency in product or service performance in from those described within this data sheet.

SAS International reserves the right to review, alter or amend, remove published data without notice as our policy is one of constant improvement. The information contained in this data sheet is believed to be correct at the date of publication. Whilst SAS International will endeavour to keep its publications up to date, readers will appreciate that between publications there may be pertinent changes in the law, or other developments affecting the accuracy of the information contained in this data sheet.