

Where USG Powerscape Products May Assist in Gaining Points

Green Star Category	Available Points	USG Product Group	Products that May Assist in Qualifying or Credit
Management	Waste Management	Powerscape Health	USG Powerscape Health® wall linings will assist with waste reduction as most sheet off-cuts can have rebates formed on them on site and then be used, rather than going to the dump.
Indoor Environmental Quality	Internal Noise levels	Powerscape Health	USG Powerscape Health® wall linings and wall system designs have documented sound transmission reduction ratings, compliant with the BCA (Building Code Australia). In most cases these are superior to the same thickness plasterboard due to the stiffness and mass of the Health® Linings.
	Volatile Organic Compounds (VOC)	Powerscape Health	The USG Powerscape Health® products have no VOC emissions. The products are pre-coated in the factory with an acrylic sealer creating a surface suited for use with most low and non VOC paints and adhesives. One point is possible where no carpet is installed and Powerscape 10mm or 6mm is used as an underlayment for low-VOC flooring (Mat-13).
Energy	Energy Improvement	Powerscape Health	Thermal mass is improved by using USG Powerscape Health® linings instead of plasterboard. The thermal mass of USG Powerscape Health® linings is approximately 1.1 kJ/kg.
Materials	Walls and Partitions	Powerscape Health	USG Powerscape Health® linings contain 95% recycled product and are the only gypsum lining to achieve GECA certification against the Environmental Choice® Plasterboard standard. Due to the mass of USG Powerscape Health®, in most cases the board makes up more the 90% of the wall mass, scoring 100% in the Green Star Walls and partitions material calculators.

Where USG Products meet the aim of Green Star credits

Green Star Category	Title	USG Product Group	Products In Keeping With ESD Principals
Indoor Environmental Quality	Formaldehyde Minimisation	Powerscape Health	USG Powerscape Health® products do not emit formaldehyde as they use an inorganic, rather than organic, binder, and normally use mechanical fixings rather than adhesives.
	Mould Prevention	Powerscape Health	USG Powerscape Health® sheets achieve the maximum score of 10 in the demanding ASTM D3273 mould propagation testes – outperforming fibre cement and wet area plasterboard.
Materials	Recycled Content	Powerscape Health	USG Powerscape Health® wall linings are independently certified as being made from 95% recycled raw materials content. (GECA Certification).

The above information is a general guide to Green Star points. For information on a specific Green Star tool please download the applicable brochure from www.greenusg.com.au/powerscape

USG & Green Star - Healthcare v1 Mat-14 Ceilings, Walls and Partitions Calculator

Total Area of Walls, Ceilings m² Total Percentage Score: Points Awarded for this

	Product Classification	Name of Ceilings, Walls and Partitions Products and Suppliers	Brief Description of Ceilings, Walls and Partitions	Area of Ceilings, Walls and Partitions (m ²)	Resource Utilisation		Management						Reusability		Product Score (%)	
					Eco Preferred Content	Durability	EMS	EMS ISO 14001 Certified	EMS Includes				Product Stewardship	Modular		Designed for Disassembly
									Waste Minimisation	Energy	Emissions	Materials Minimisation				
1	Environmentally Innovative	USG Powerscape Gypsum Fiberock Linings	GECA certified Gypsum Fibre board containing 95% recycled content suitable for impact, wet area, fire and acoustical walls and flush ceilings													100

USG Notes:

Items 1 & 2

Product Classification	Reason	USG Products GECA Certified
USG Powerscape: Environmentally Innovative	Generally the Powerscape will make up over 90% or more (by mass) of the components in a steel framed internal wall.	USG have the following products GECA certified: Powerscape Health 6.5mm, 10mm, 13mm and 16mm