

USG **power**scape  
**Health**®



Desirable and durable  
indoor environments.

**WALL AND  
CEILING LINING**

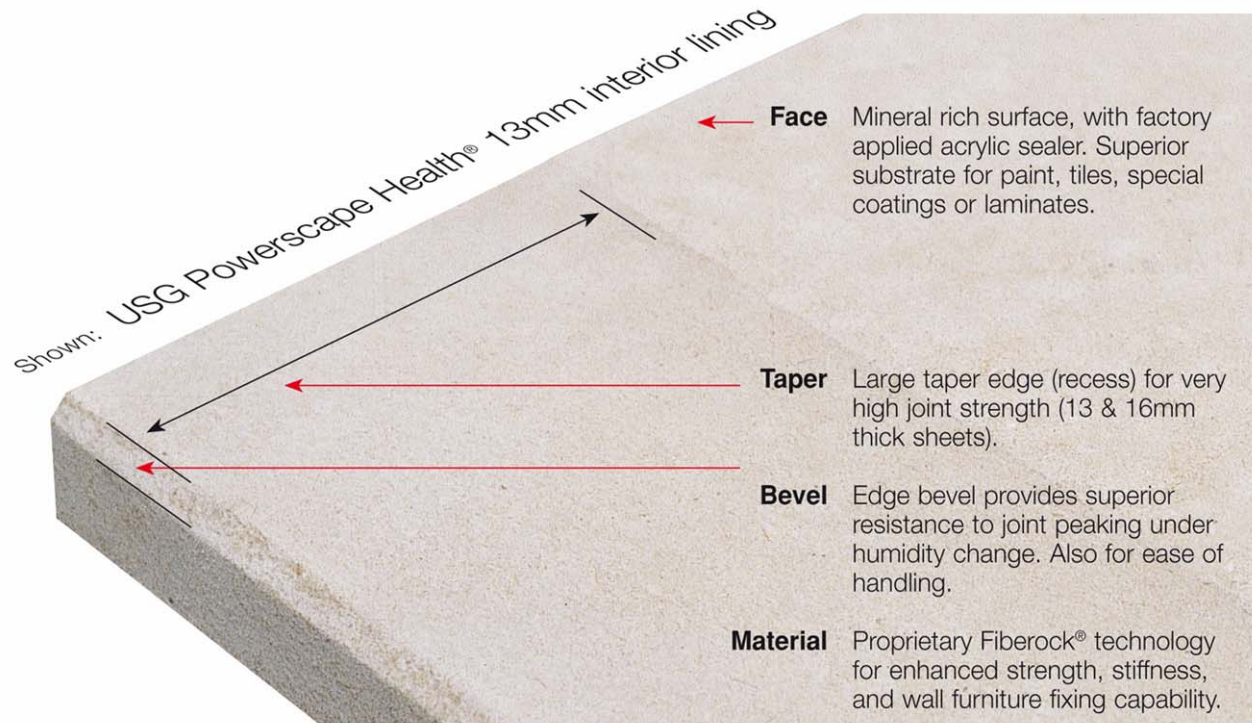


# Desirable and Durable Interior Environments



# A New Composite Panel ...

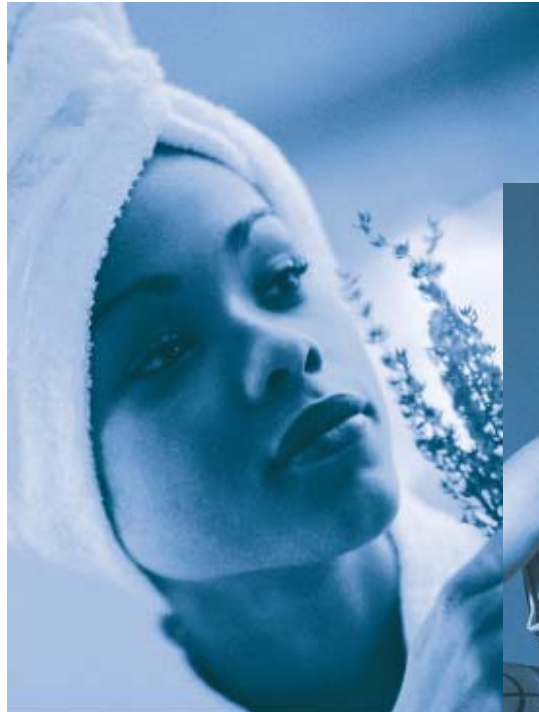
“The only safe and easy to install interior lining that resists; toxic mould, sound, impact, fire, and water absorption or seepage into wall cavities”



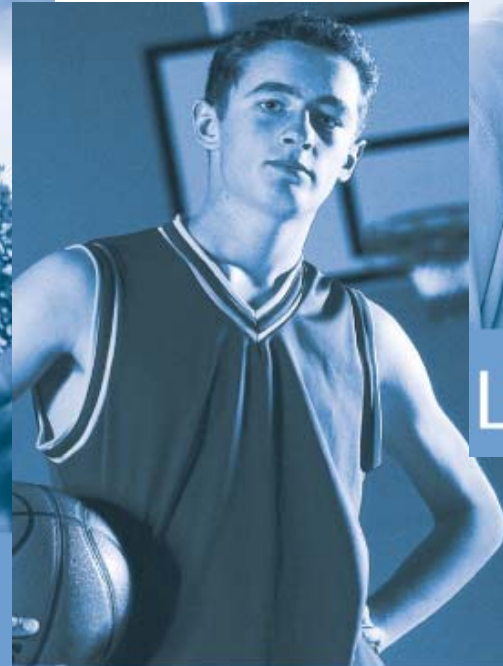


# Key Performance Attributes

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Healthy



Durable



Liberating



Eco-Preferred

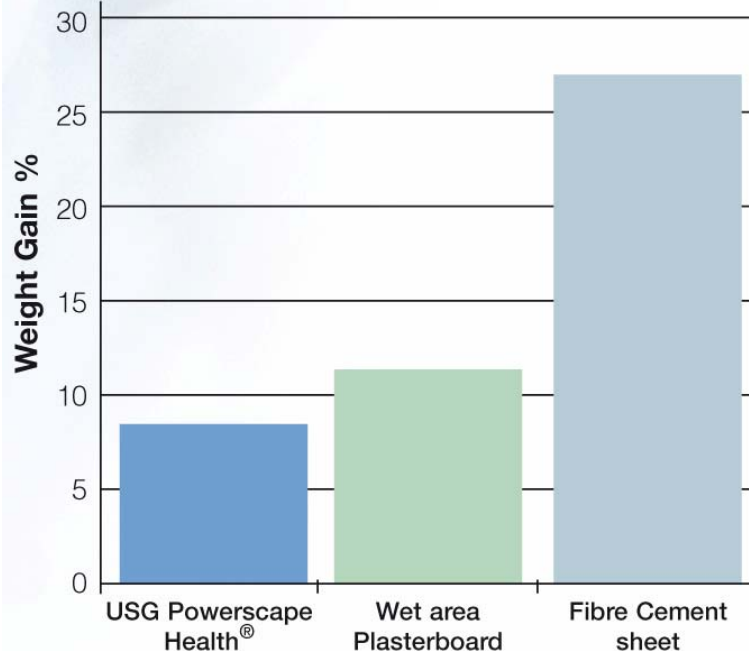


# Healthy

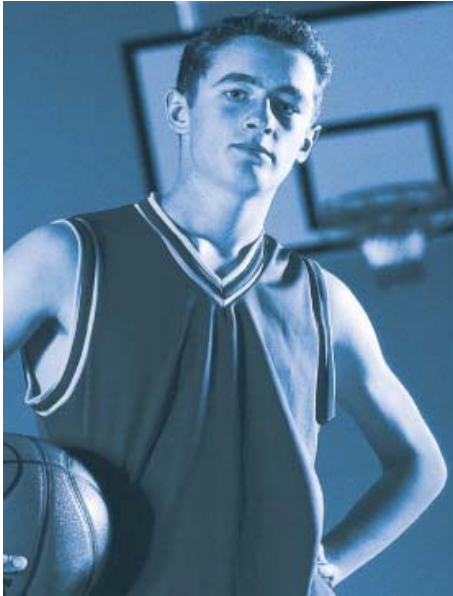
Caring for your health by resisting moisture, mould, noise transmission, and being free from carcinogenic crystalline silica dust risk.

Weight gain % after 24 hour soak in water

**USG Powerscape Health® resists severe water soak absorption**



1. Plaster surface – so no paper layer to feed toxic mould.
2. No sand or cement – so no onsite carcinogenic silica dust risks.
3. More resistant to water absorption than both wet area plasterboard and fibre cement – meaning less risk of unhealthy lingering dampness.

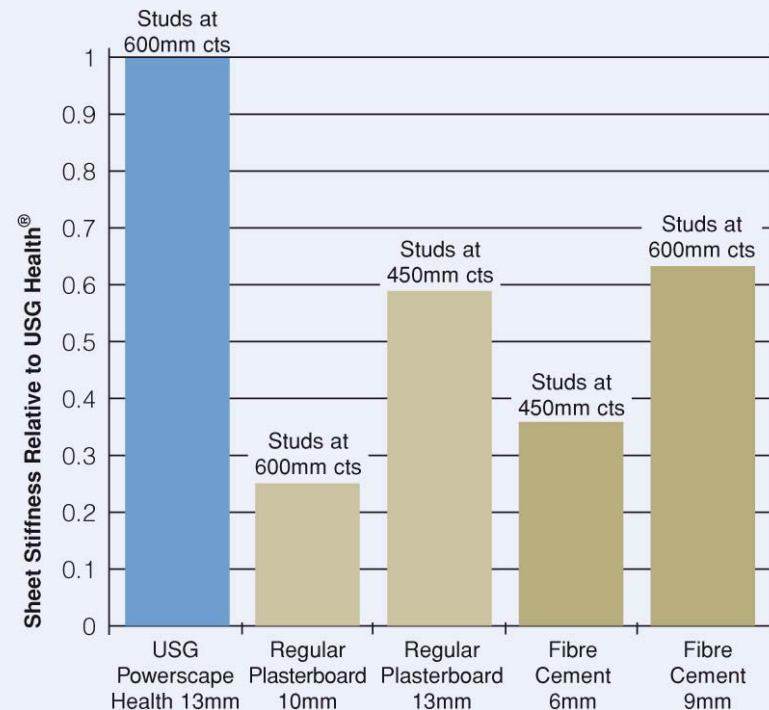


# Durable

Keeping indoor environments looking good longer, and reducing ongoing maintenance.

1. Higher resistance to joint cracking than both plasterboard and fiber cement – means less maintenance.
2. Significantly stiffer and stronger than same thickness standard plasterboard and peer fiber cement products – means a quality touch-and-feel.
3. Transmits less water than both wet area plasterboard and fibre cement, keeping wall cavities drier.

Single sheet stiffness relative to Powerscape Health®  
**Powerscape Health® is stiffer - the solid leader**



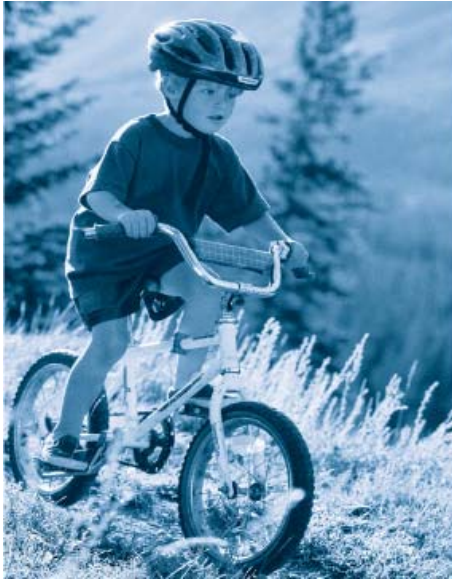


# Liberating

Installs and finishes easily like plasterboard, but with an extended range of design and reliable surface finishing flexibilities.



1. Simplifies. One product can now often be used for the whole interior lining job; wet and dry areas, high impact, acoustic, fire – greatly reducing site complexity, errors, and labour costs.
2. Ideal for paint, tile and vinyl, or to laminate with confidence.
3. Easy to cut, fix and finish – much like plasterboard.



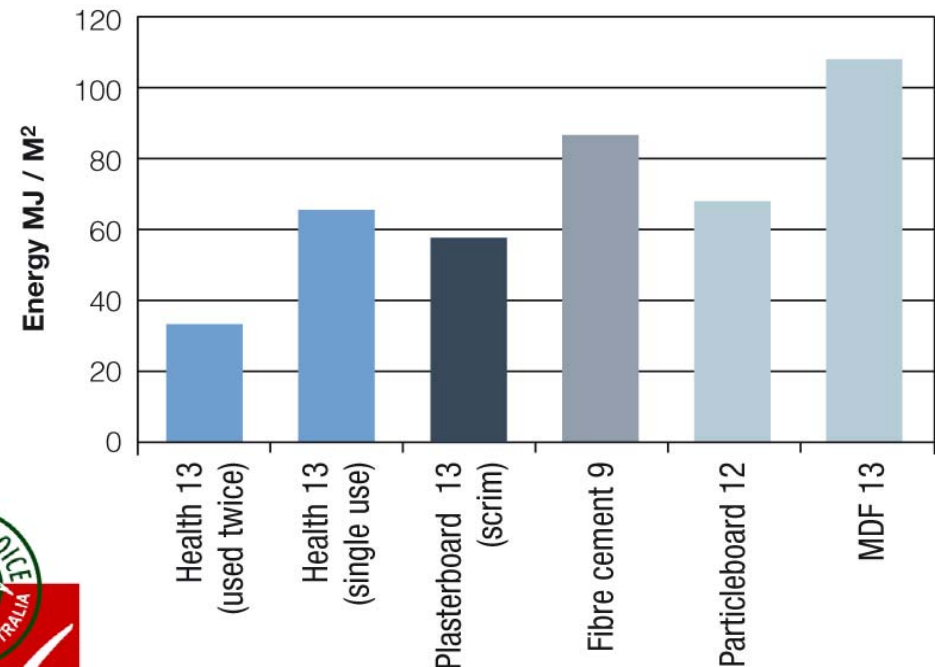
# Eco-Preferred

95% recycled, demountable and reusable, leaving more wilderness, desert, and forest to sustain earth ecology and for future generations to enjoy.

1. Suitable for demounting when no longer required, and for reuse.
2. Recycled content > 95% certified.
3. Using USG Powerscape Health<sup>®</sup> instead of plasterboard reduces landfill by 1 to 2 tonne per typical office room.
4. The only non-straw interior lining certified by Environmental Choice in Australia. Certification means straight forward recognition of Green Star points – see page 19 in Health<sup>®</sup> brochure.

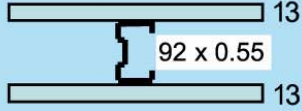













Embodied Energy per m<sup>2</sup> Wall Linings  
**Health<sup>®</sup> 13mm used twice saves 24-76 MJ/m<sup>2</sup>**






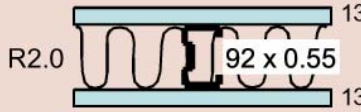


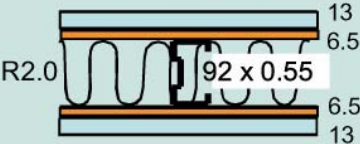





# Medical Walls

Medical facility typical fire and acoustic rated impact resistant wall systems – for both dry & wet areas alike.

MINIMUM	ACOUSTIC SEPARATION	EXTRA HIGH IMPACT	PREMIUM
 <p>PRSL30SiB 30/30/30  R<sub>w</sub> 41 </p>	 <p>PRSL30SiC 30/30/30  R<sub>w</sub> 48 </p>	 <p>PRSL60SiD 60/60/60  R<sub>w</sub> 48 </p>	 <p>PRSL60SiE 60/60/60  R<sub>w</sub> 55 </p>

USG Powerscape® linings are now used in many health facilities, including; The Mater Hospital - Brisbane; The Alfred Hospital – Melbourne; The Monash Medical Centre – Clayton; Sea Lake Hospital – Sea Lake; and Campbelltown Acute Mental Hospital – NSW.

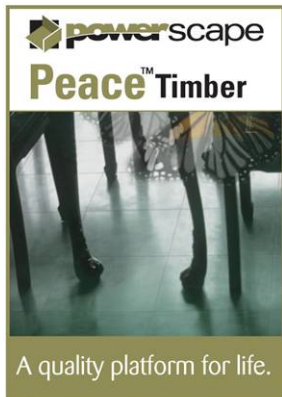
# Education Walls

ACOUSTIC SEPARATION	EXTRA HIGH IMPACT
<p style="text-align: center;"><b>PRSL30SiC</b></p>  <p>Studs at 600 mm centres</p> <ul style="list-style-type: none"> <li>• Sound <math>R_w</math> 48 </li> <li>• Fire 30/30/30 </li> <li>• 13 mm USG Powerscape Health®</li> <li>• As strong as 9 mm fibre cement or 13 mm scrim plasterboard</li> </ul>	<p style="text-align: center;"><b>PRSL30SiC</b></p>  <p>Studs at 400 mm centres</p> <ul style="list-style-type: none"> <li>• Sound <math>R_w</math> 48 </li> <li>• Fire 30/30/30 </li> <li>• 13 mm USG Powerscape Health® Ultra-Mesh</li> <li>• Twice as strong as 9 mm fibre cement or 13 mm scrim plasterboard</li> </ul>
<p style="text-align: center;"><b>PRS60SiE</b></p>  <p>Studs at 600 mm centres</p> <ul style="list-style-type: none"> <li>• Sound <math>R_w</math> 55 </li> <li>• Fire 60/60/60 </li> <li>• Linings as above plus 6.5 mm USG Powerscape Go-Between®</li> </ul>	<p style="text-align: center;"><b>PRS60SiD</b></p>  <p>Studs at 400 mm centres</p> <ul style="list-style-type: none"> <li>• Sound <math>R_w</math> 48 </li> <li>• Fire 60/60/60 </li> <li>• 16 mm USG Powerscape Health®</li> </ul>

Education facility typical fire and acoustic rated impact resistant wall systems – for both dry & wet areas alike.

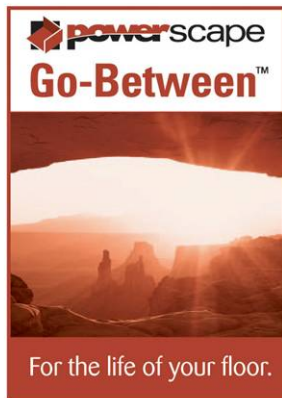
# Two New Floor Underlays Too

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FLOOR UNDERLAY

- **USG Powerscape Peace® Timber 10mm** underlay is mechanically fixed to ply or chip board framed floors. It reduces sound transmission, stiffens the floor, and resists fire burn down. Its surface is suitable for tile, vinyl or carpet. System patent applies in Australia.



FLOOR UNDERLAY

- **USG Powerscape Go-Between® 6.5mm** is used to stabilize ply and chip board floors prior to the use of tile (when reduction of sound transmission is not needed).  
Also used as a specialist inner layer wall lining, with high acoustic performance and easy installation.

# Product Range & Applications

## Product Range, and Key Properties and Main Applications

The principle nominal properties of the range of USG Powerscape Health® products are documented below. Also shown are main applications for each product.

### USG Powerscape Health® Range & Applications

Product Name	Thickness mm	Size mm	Edge TE/SE	Density Kg/m <sup>3</sup>	Weight Kg/m <sup>2</sup>		Main Applications (both dry and wet areas)
USG Powerscape Health®	13	1200 x 3000	TE	950	12	✓	Interior wall and ceiling linings - widely used in education, medical, aged care, institutions, office, and in quality residential.
USG Powerscape Health® Ultra-Mesh®	13	1200 x 3000	TE	950	12	–	Interior linings where ultra high impact resistance is needed - containment ceilings, institutional walls.
USG Powerscape Health®	16	1200 x 3000	TE	950	15	✓	Interior wall and ceiling linings- especially apartment tenancy & corridor walls.
USG Powerscape Health®	10	1200 x 2700	SE	1000	10	✓	Tile backer wall lining; Lining of eaves, and canopies; Acoustic underlay on framed floors (see Powerscape Peace® Timber brochure).
USG Powerscape Health® Go-Between®	6.5	900 x 1800	SE	1200	8	–	Inner layer lining for acoustic walls - especially aged care timber frame structures; Stabilizer layer on framed floors under tiles etc (see Powerscape Go-Between® brochure).

# More Information & Contacts

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USG Powerscape products are distributed in Australia by USG.

USG local Powerscape sales managers in Queensland, New South Wales, and Victoria can be contacted by calling **free phone 1800 226 215**,

A comprehensive brochure on USG Powerscape Health<sup>®</sup> interior linings is available, as well as a comprehensive design manual. Samples and project reviews are also available.

Brochures are also available for Peace<sup>®</sup> Timber, and Go-Between<sup>®</sup> floor underlay.



The [www.powerscape.com.au](http://www.powerscape.com.au) web site is presently being extensively rebuilt to reflect the current product range. Subscribe at this site now, for Email early advice on when the new site is available.

