

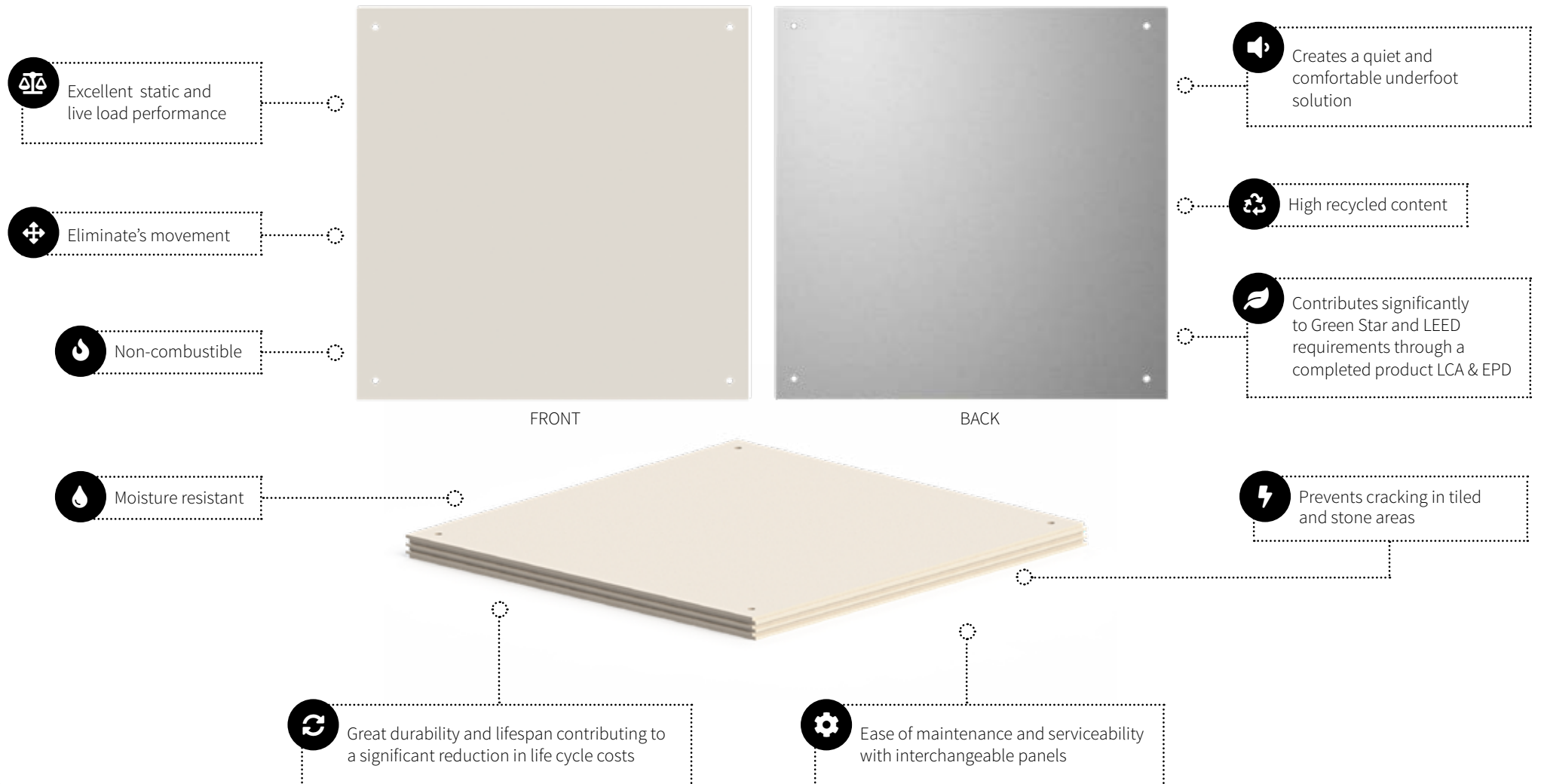
Introducing the ASP Urban Interlock Panel



URBAN INTERLOCK PANEL

The **Urban Interlock Panel** is a composition panel with its main core ingredients of gypsum and fibre. A galvanized steel base plate is adhered to the core, creating a strong durable panel suitable for various environments.

The **Urban Interlock Panel** has been designed for applications where stone or tile finishes are to be applied. The panels specially designed interlock edge profile ensures panels remain locked together, eliminating movement.



THE PANEL CONSTRUCTION

SIZE 600mm x 600mm

DEPTH

Extra Heavy Grade 30.4mm

Industrial Grade 30.8mm

Heavy Industrial Grade 38.4mm

Super Heavy Industrial 38.8mm

CONSTRUCTION

The panel consists of a bare calcium sulphate surface and a bottom galvanized steel reinforcing plate. The panel edges feature an interlocking profile.

CORE Calcium Sulphate

TOLERANCE

$\pm 0.25\text{mm}$ and a flatness tolerance of $\pm 0.5\text{mm}$ measured on a diagonal across the top of the panel

FINISH

Bare Calcium Sulphate

CONNECTION

The panel interlocks to the adjacent panels and can be screw fixed to the pedestal head at all four corners

Urban Interlock Profile View



Interlocking Edge Profile Detail

LOAD TOLERANCES

Medium Grade

Heavy Grade

Extra Heavy Grade

Industrial Grade

Heavy Industrial Grade

Super Heavy Industrial Grade



Urban Interlock



ABOUT THE SYSTEM

The **Urban Interlock System** has been designed for applications where stone or tile finishes are to be applied. The panels specially designed interlock edge profile ensures panels remain locked together, eliminating movement.

THE SCIENCE BEHIND THE SYSTEM

The **ASP Urban Interlock System** has been scientifically designed to disseminate load transference through the system to ensure there are zero stress rises and zero deflection within the system.

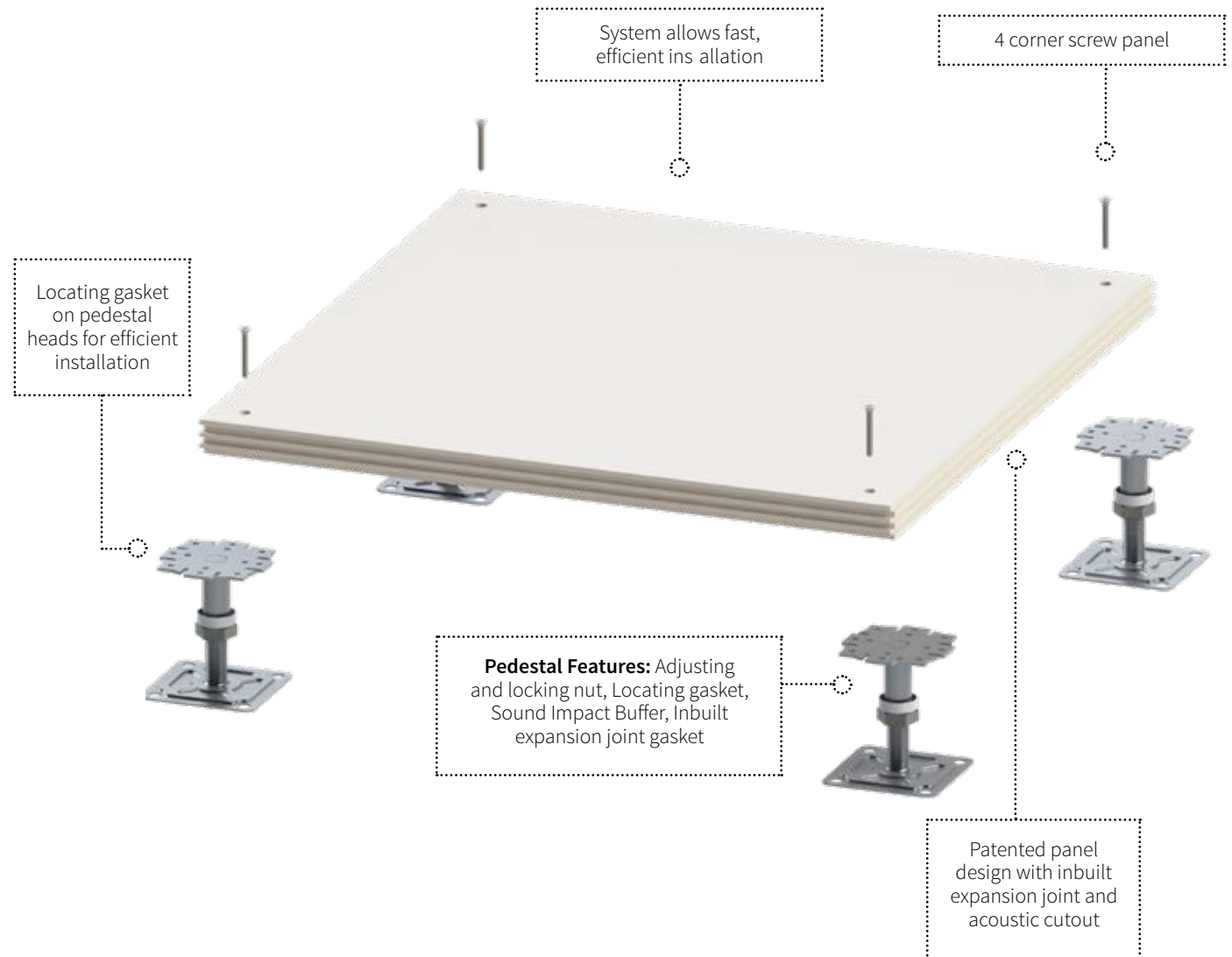
Deflection and stress rises were a great problem for access floors in the 1970's, 80's and 90's due to the basic design and lack of understanding of building movement and design.

ASP has designed a proprietary interlock system that is able to take great loads both static and dynamic. This has provided the perfect solution imitating a secondary slab effect that ensures tiles and stone finishes do not crack.

The Interlock system provides an interlocked design, which ensures no movement and so eliminates the need for substrates. This elimination of substrates means the Interlock is a cost and time efficient design solution

APPLICATIONS

- Stone and tiled areas
- Lift obbies
- Amenities
- Foyers
- Breakout spaces



CASE STUDY – MEDIBANK

Medibank is one of Australia's largest health providers whose company's core value is to provide better health for everyone. This value drove the design of their head office, Medibank Place, where with Brookfield Multiplex they were able to create one of the healthiest workplaces in the world.

The **ASP Access Floors Icon Air System** (please see page 27) was used in majority of the 46,000m² of access flooring however the multiple levels of lift lobbies and break out spaces utilised the **ASP Access Floors Urban Interlock**.

The **ASP Access Floors Urban Interlock System** complete with its interlocking edge profile eliminated movement and hence guaranteed that the stone floor finish would not crack.

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