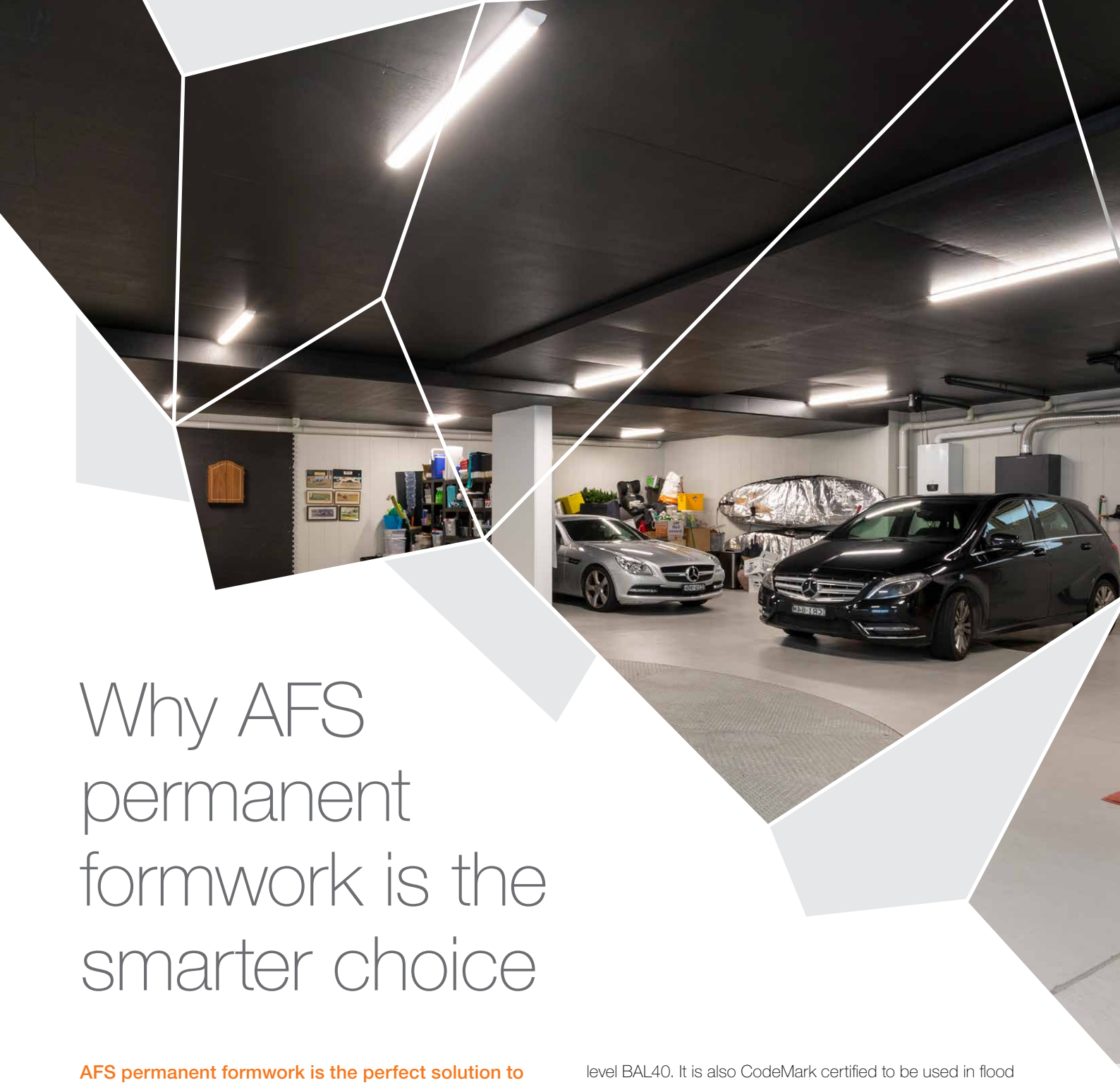
afs smarter permanent formwork.™

Make more space

If there is one attribute every homeowner wants, it's space; more is better. Space for the kids or the cars or the cinema, space for the cellar and man cave, or just space to breathe. Floor space is measured on every floor plan; every cubic metre has value.

AFS Rediwall® helps to make more space.

CSR



Why AFS permanent formwork is the smarter choice

AFS permanent formwork is the perfect solution to help add space to Australian homes. AFS has been supplying the Australian market with innovative walling systems since 1996.

AFS ticks all the boxes on compliance

Assessed by peak Australian NATA-accredited testing laboratories, our AFS products exceed all critical building performance requirements. CodeMark certified, AFS systems can be designed and constructed to comply with the National Construction Code (NCC) requirements and are suitable for all NCC classes (1-10) buildings.

Suitable for all climates and conditions

Bushfires and floods are an unfortunate part of Australian life. When building in a bushfire zone, it is critical to consider your choice of building materials. AFS Rediwall® has exceptional fire properties and meets the requirements for bushfire attack level BAL40. It is also CodeMark certified to be used in flood hazard zones. The robust reinforced concrete ensures reliable performance in the most difficult conditions.

Low environmental footprint

All AFS systems are fully Australian owned and made, backed by CSR. AFS Rediwall® is recognised by the Green Building Council of Australia (GBCA) as meeting Best Practice Guidelines for PVC and it is a Green Star ready system.

AFS has achieved Silver Status in the PVC Stewardship Program which is administered and independently audited by the Vinyl Council of Australia. To further reduce its environmental impact, AFS provides dedicated recycling services for its Rediwall® products.

AFS Rediwall®

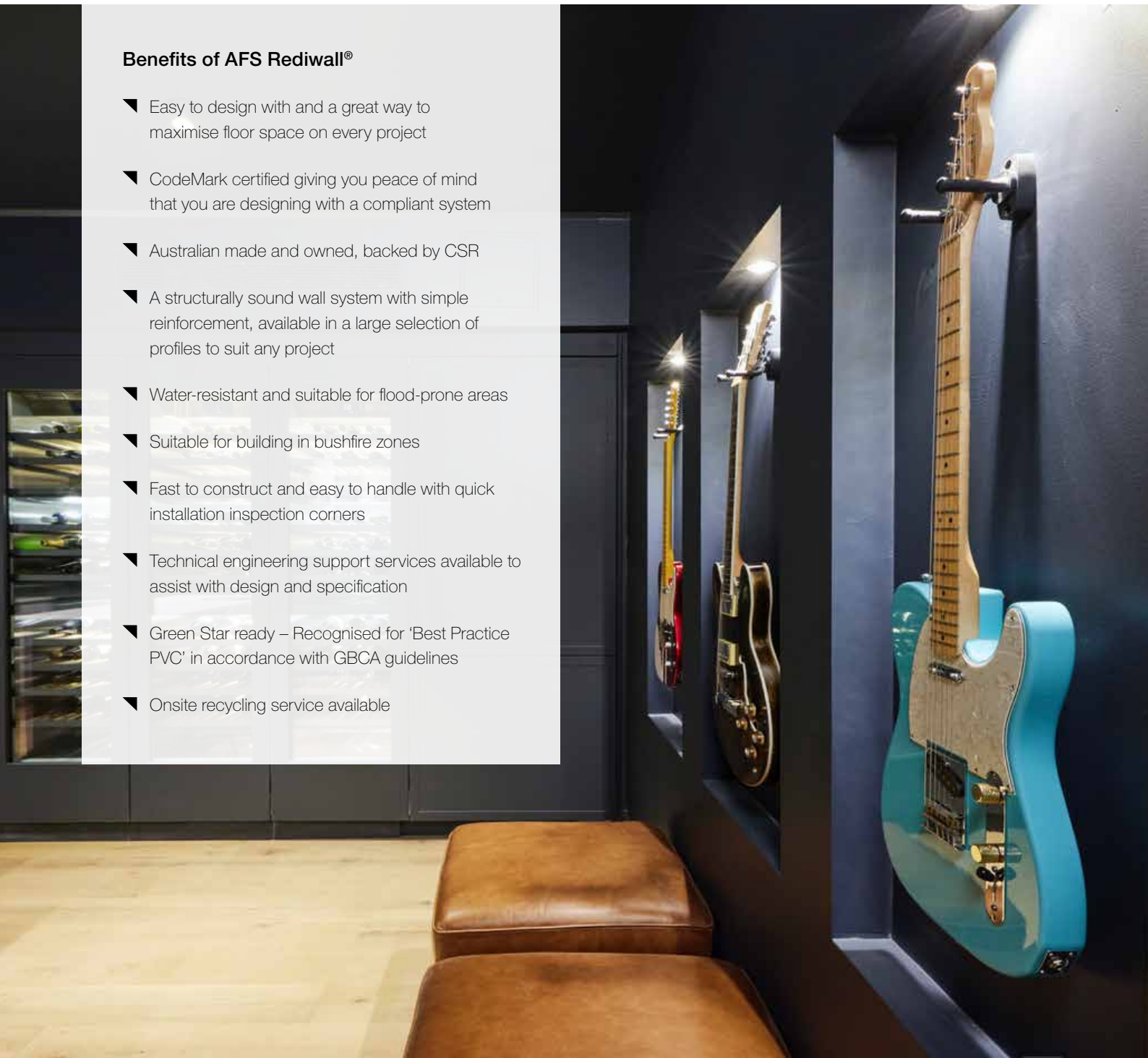
AFS Rediwall® is a versatile Permanent Formwork system used for constructing structural walls and is perfect for building above and below ground spaces. When installed horizontally, the system improves design efficiency and reduces vertical structures where possible. Installed vertically, Rediwall® is an outstanding option for creating a basement or underground carpark to maximise liveable spaces.

Tested to AS3600 and compliant with NCC, Rediwall® is a sound choice for bushfire zones and flood hazard areas and is a great alternative to conventional reinforced concrete, blockwork or precast concrete.

The options are endless – unlock the potential with the AFS Rediwall® system.

Benefits of AFS Rediwall®

- Easy to design with and a great way to maximise floor space on every project
- CodeMark certified giving you peace of mind that you are designing with a compliant system
- Australian made and owned, backed by CSR
- A structurally sound wall system with simple reinforcement, available in a large selection of profiles to suit any project
- Water-resistant and suitable for flood-prone areas
- Suitable for building in bushfire zones
- Fast to construct and easy to handle with quick installation inspection corners
- Technical engineering support services available to assist with design and specification
- Green Star ready – Recognised for 'Best Practice PVC' in accordance with GBCA guidelines
- Onsite recycling service available

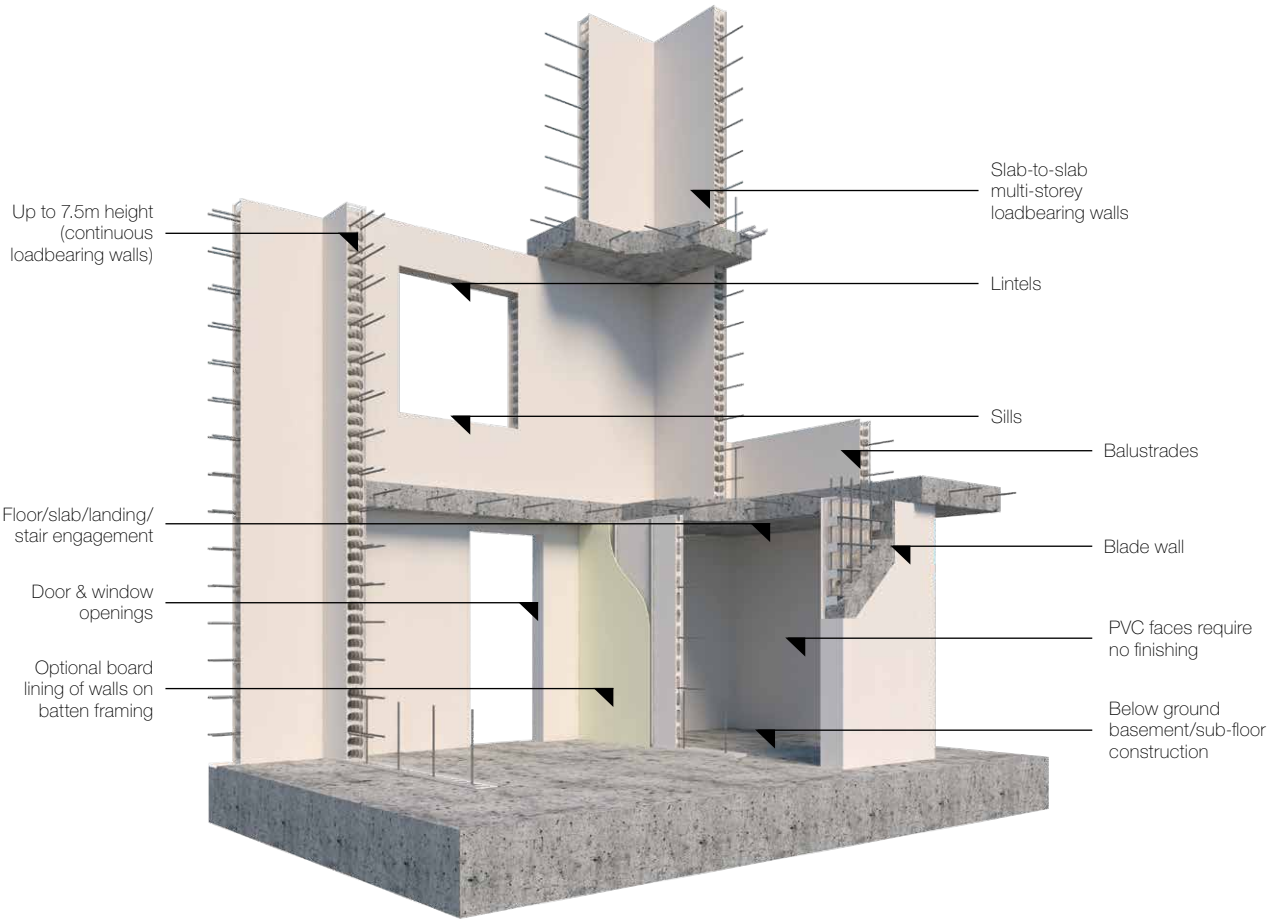


Perfect for a range of applications

AFS systems can be used in the design of houses, townhouses and low-rise multi-residential buildings to create more space and achieve smarter designs. Typical applications include:

- Facades
- Blade columns and balustrades
- Basement walls
- Party and boundary walls
- Retaining walls and planters
- Retention tanks, services areas and stormwater pits

System Overview



110mm

Wall thickness
Concrete
0.105m³/m²

Accoustic rating
Rw 50
Rw + Ctr 45

Fire resistance FRL
Upto 90/90/90
(Load bearing)

-/120/120
(Non load bearing)

Panel type
Speedy Snap-In™ Panels

156mm

Wall thickness
Concrete
0.150m³/m²

Accoustic rating
Rw 54
Rw + Ctr 50

Fire resistance FRL
240/240/240

Panel type
Speedy Snap-In™ Panels

200mm

Wall thickness
Concrete
0.194m³/m²

Accoustic rating
Rw 58
Rw + Ctr 53

Fire resistance FRL
240/240/240

Panel type
Speedy Snap-In™ Panels

256mm

Wall thickness
Concrete
0.250m³/m²

Accoustic rating
Rw 60
Rw + Ctr 55

Fire resistance FRL
240/240/240

Panel type
Slide-In Panels

275mm

Wall thickness
Concrete
0.269m³/m²

Accoustic rating
Rw 61
Rw + Ctr >56

Fire resistance FRL
240/240/240

Panel type
Slide-In Panels

300mm

Wall thickness
Concrete
0.294m³/m²

Accoustic rating
Rw 61
Rw + Ctr >56

Fire resistance FRL
240/240/240

Panel type
Slide-In Panels

Design and Technical Engineering Services

CSR is committed to providing our customers with the highest level of service at various stages during their design and build process. These include:

Design & Engineering

- CSR DesignLink is a dedicated team of engineers, available to assist customers meet their design and compliance requirements
- Fast take-off and estimation services
- CPD presentations and training

Order & Delivery

- Made-to-order custom length service available, minimising site wastage and improving efficiencies
- Fast turnaround times and product availability - order by 2pm and product will arrive within 5 working days
- Onsite waste recycling

Onsite Support

- Installer/contractor training
- Onsite support
- Inspection post-installation with thermal imaging camera technology

afs

afsformwork.com.au | 1300 727 237

AFS Systems Pty Ltd
10 Airds Rd, Minto NSW 2566

AUSTRALIAN MADE AND OWNED

CODEMARK Australia 30107 30062

BEST PRACTICE PVC In accordance with the GBCA PVC guideline

GECA CLAIM AUTHENTICATED

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