

PVC-based
Permanent formwork
Lightweight, load-bearing

Ideal for basements, columns, blade & party walls,
lift & stair cores, retaining walls as well
as retention tanks

Permanent formwork walling system for above and below-ground application

AFS Rediwall® is a PVC permanent formwork system and a time-saving alternative to conventional masonry and blockwork. Its precision-extruded components easily interconnect for rapid installation and there is no specialised training needed.

AS3600-compliant, rediwall® is load bearing for multi-level structures providing a consistently clean, even and water-resistant surface that often doesn't require any finishing.

Offered in four profile widths, the rediwall® range solves above- and below-ground walling needs, from basements, columns, party walls, lift/stair cores, through to retention tanks and retaining walls.



110mm, 156mm & 200mm panels feature Speedy-Snap-In™ and Ezy-Fit™ removable corners

256mm panels simply slide in against each other to easily interlock



afs rediwall® offers a broad range of profiles and unique open back Ezy-Fit® corners — making simple work of installation

One system provides the complete above and below ground walling solution

Basements, columns, blade and party walls, lift & stair cores, retaining walls & retention tanks

SYSTEM BENEFITS

Why **architects** prefer rediwall®

- System maximises saleable floor space for clients
- AS3600 compliant and water resistant
- Choice of profile widths and comprehensive catalogue of components – one system, one solution
- Panels provide a superior, semi-gloss surface with option for further finishing

Above and below ground versatility



Speed of construction



Ease of materials handling



Speedy-Snap-In™ panels lock together instantly



Ezy-Fit™ corner panels slide open for access



AS3600 compliant and water resistant



Significant waste reduction



Why **engineers** prefer rediwall®

- Simple reinforcement – single and double
- Full width concrete core thickness
- Simple robust bracing methodology
- Quick reinforcement inspection with Ezy-Fit™ removable corners
- Large holes for optimum concrete placement

Why **builders** prefer rediwall®

- Significantly quicker floor-cycles, can save days compared to conventional masonry and blockwork
- Significantly less waste and mess than blockwork
- Most economical alternative to a conventional shoring wall available
- Fewer trades needed and sites are kept cleaner and more efficient
- No craneage necessary
- Panels provide a superior, semi-gloss surface with the option for further finishing

Why **installers** prefer rediwall®

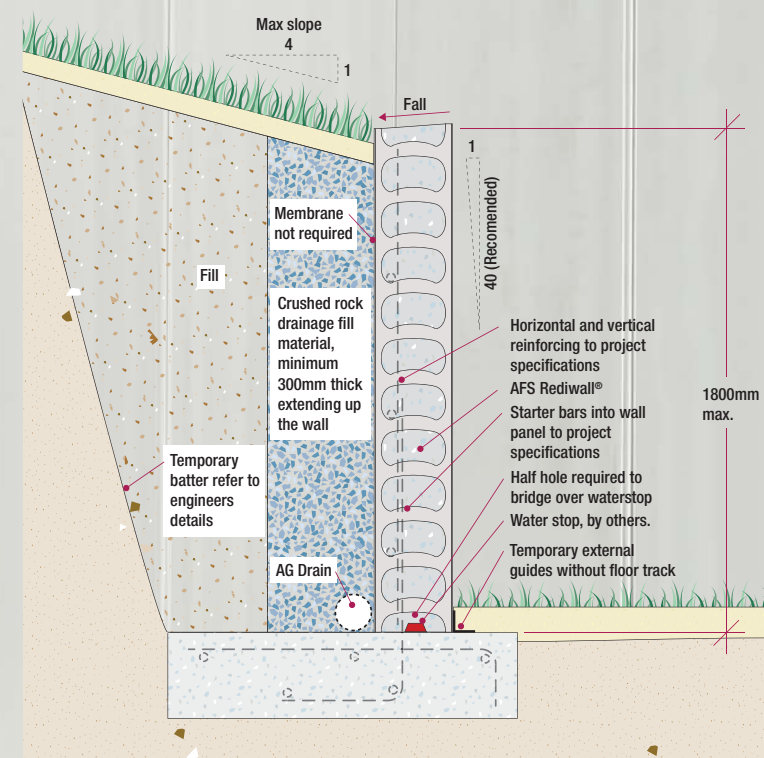
- Panels can be delivered cut-to-size or easily cut down for late changes
- Reinforcement is simple and fast to install and inspect
- Panels can clip or slide together, allowing speed of installation
- Installation is simple to learn and onsite training is available through AFS.



110mm, 156mm, 200mm Speedy-Snap-In™ panels with 90° Ezy-Fit™ removable corners and 256mm slide-together panels for versatile blade walls

Industry-leading innovation for fast, trouble-free installation

The extruded PVC components simply snap or slide readily into place. Assembly is rapid and the resulting wall surface is clean and even.



SYSTEM OVERVIEW

AFS Rediwall® is a PVC permanent formwork system. The extruded components simply snap or slide into place, interconnecting to form load bearing, low maintenance walling.

Installation of Rediwall® can be completed without machinery, doesn't require any specialty trades

and its high quality surface needs no additional finishing for most applications.

Suitable as a tough, low-maintenance load-bearing solution for above and below ground application, it is a truly versatile and efficient walling solution.

RW110

Speedy-Snap-In™

Lengths: 2.8m, 3.0m, 3.2m, 3.6m

Accessories:
Ezy-Fit™ Corner, H-Joiner, T-Joiner, Floor Track, End Cap, FC Strip



RW156

Speedy-Snap-In™

Lengths: 2.8m, 3.0m, 3.2m, 3.6m

Accessories:
Ezy-Fit™ Corner, H-Joiner, T-Joiner, J-Track, M/M Joiner, F/F Joiner, Floor Track, End Cap, FC Strip, 115mm Spacer



RW200

Speedy-Snap-In™

Lengths: 2.8m, 3.0m, 3.2m, 3.6m

Accessories:
Ezy-Fit™ Corner, H-Joiner, T-Joiner, J-Track, M/M Joiner, F/F Joiner, Floor Track, End Cap, FC Strip, 115mm Spacer



RW256

Slide in

Lengths: 2.8m, 3.0m, 3.2m, 3.6m

Accessories:
End Cap, QuickCap™ End Cap, F/F Joiner, Floor Track, FC Strip

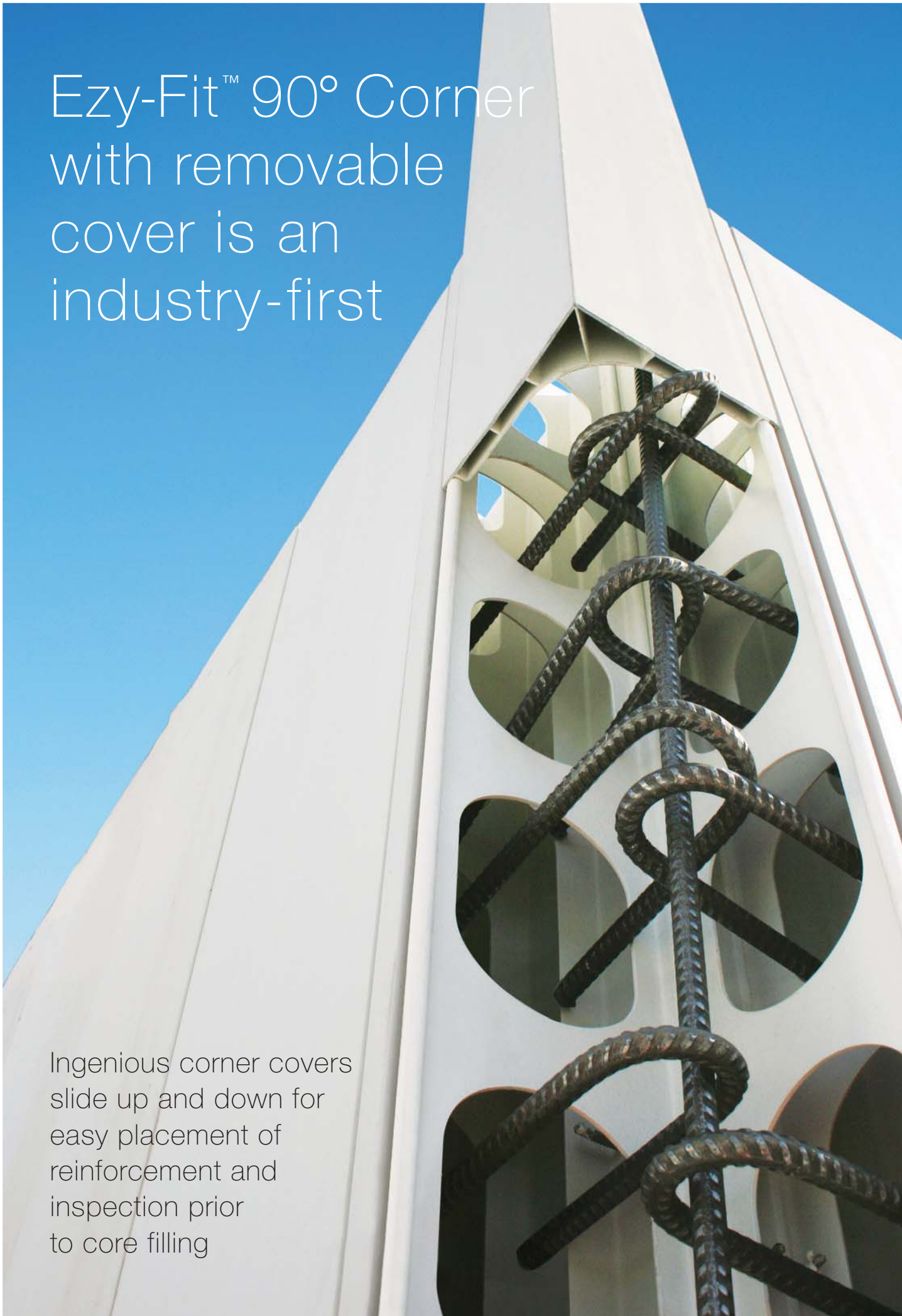


afs Rediwall® panels <i>Interlocking mechanism</i>	110mm Snap-In	156mm Snap-In	200mm Snap-In	256mm Slide-In
Thickness	Overall 110	156	200	256
	Concrete m³/m²	0.105	0.150	0.195
Application	Basements, party walls, columns, retaining walls and retention tanks, service and stormwater pits			Blade walls
Acoustic rating (STC)	RW 51 RW + Ctr 44	RW 57 RW + Ctr 50	RW 60 RW + Ctr 53	RW 61 RW + Ctr 54
Fire resistance (FRL)	2 hours	4 hours	4 hours	4 hours

Product specifications and dimensions are subject to change without notice

Ezy-Fit™ 90° Corner with removable cover is an industry-first

Ingenious corner covers slide up and down for easy placement of reinforcement and inspection prior to core filling

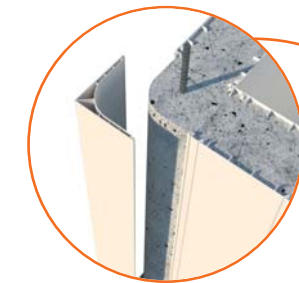


ACCESSORIES

Revolutionary Ezy-Fit™

Open-back corner gives unobstructed access for trouble-free installation of reinforcement bars.

Certifying engineers simply remove the cap to approve placement prior to pouring concrete—that's not possible with conventional systems.



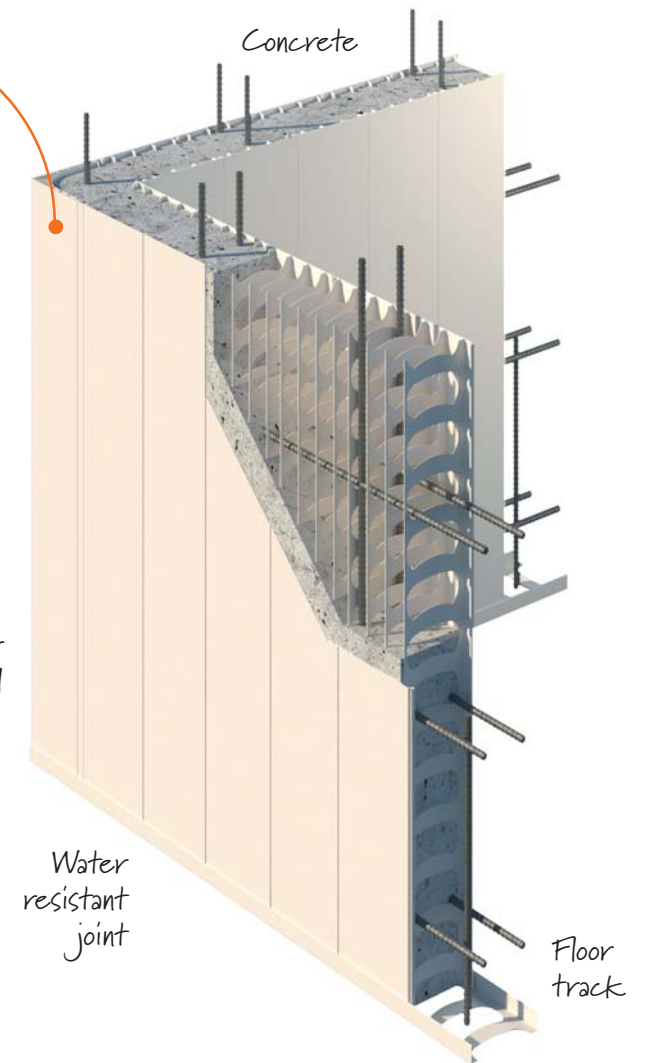
Industry-first: Ezy-Fit™ Corners

The outer cover effortlessly slides up for trouble-free access to reinforcement. With everything in place, it simply slides back to allow core filling.



Outer cover slides up for access

Corner panel



Comprehensive walling system

The rediwall® system offers an exhaustive range of accessories—specific to each profile width—

including everything you need to make curved and straight walls, above or below ground.



Corners



H-Joiners



T-Joiners



J-Track



115 Spacers



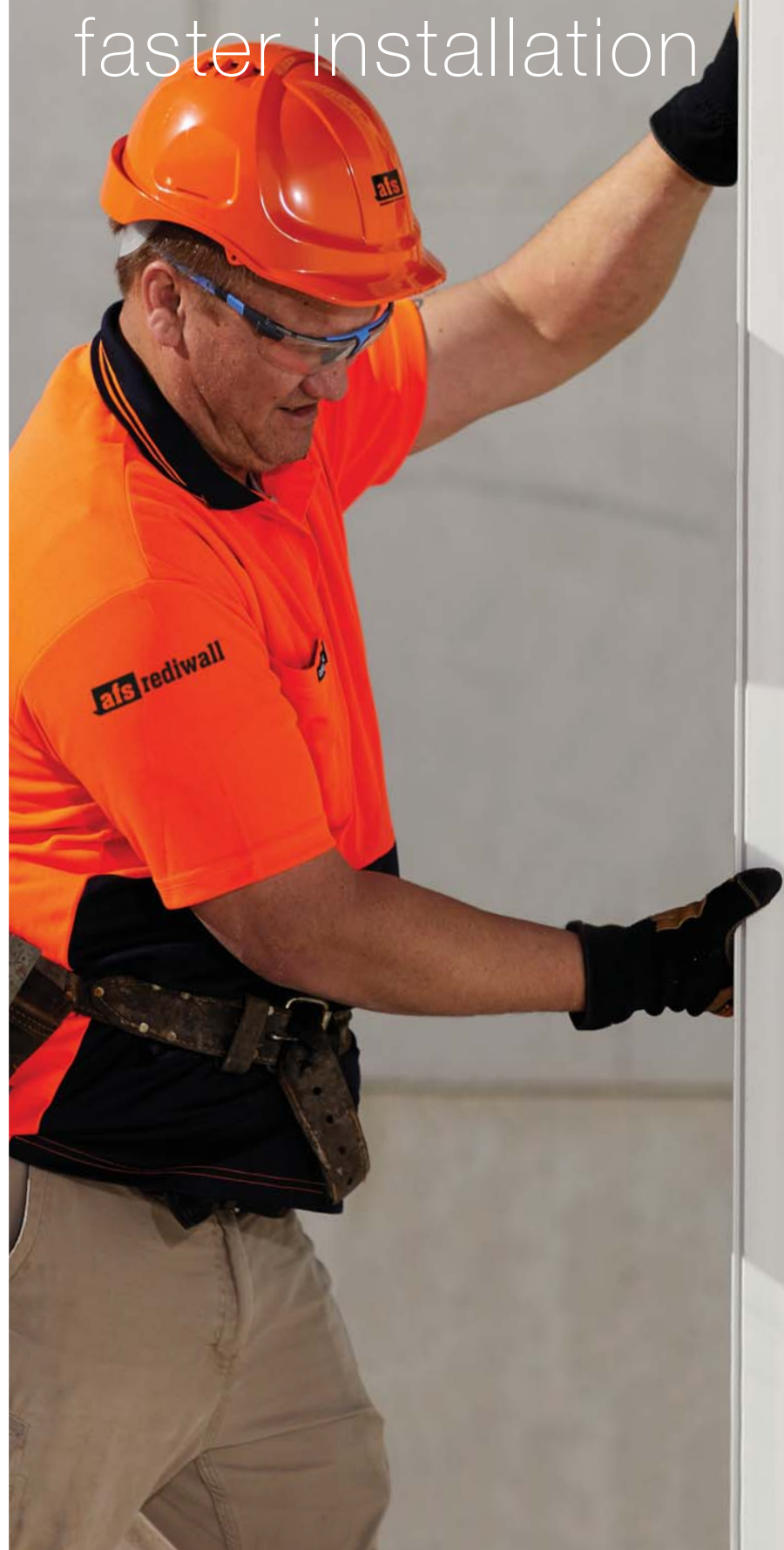
End Caps



Floor Track

To learn more visit afstormwork.com.au

Patented Speedy-Snap-In™ system ensures easier, faster installation

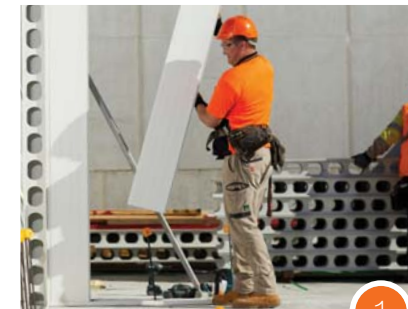


C O N S T R U C T I O N

Snap, brace, pour

110mm, 156mm and 200mm PVC-based panels simply snap-in together, while the 256mm profiles utilise a slide-together action.

Regardless of the interlocking mechanism, rediwall® panels can be quickly installed and braced for core-filling, without specialised training or trades.



1 Lightweight panels make for easier materials handling



2 Panels effortlessly interlock with snap-in or slide-together mechanisms



3 And simply slide down to seat into the floor tracking and form a wall



4 Bracing



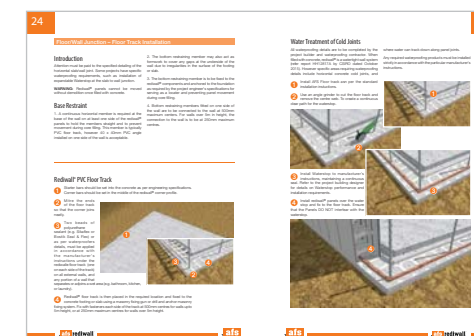
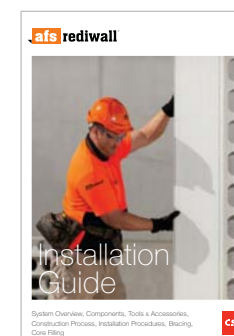
5 Reinforcement placement



6 Core filling

I N S T A L L A T I O N G U I D E
A N D A F T E R - S A L E S S E R V I C E

Dedicated project co-ordinators and on site training & assistance



By design the afs rediwall® system can be installed by anyone without training, with the assistance of our Installation Guide.

Additionally, our after-sales service team offers customers hands-on assistance on-site. Or you can choose an AFS-recommended installer.

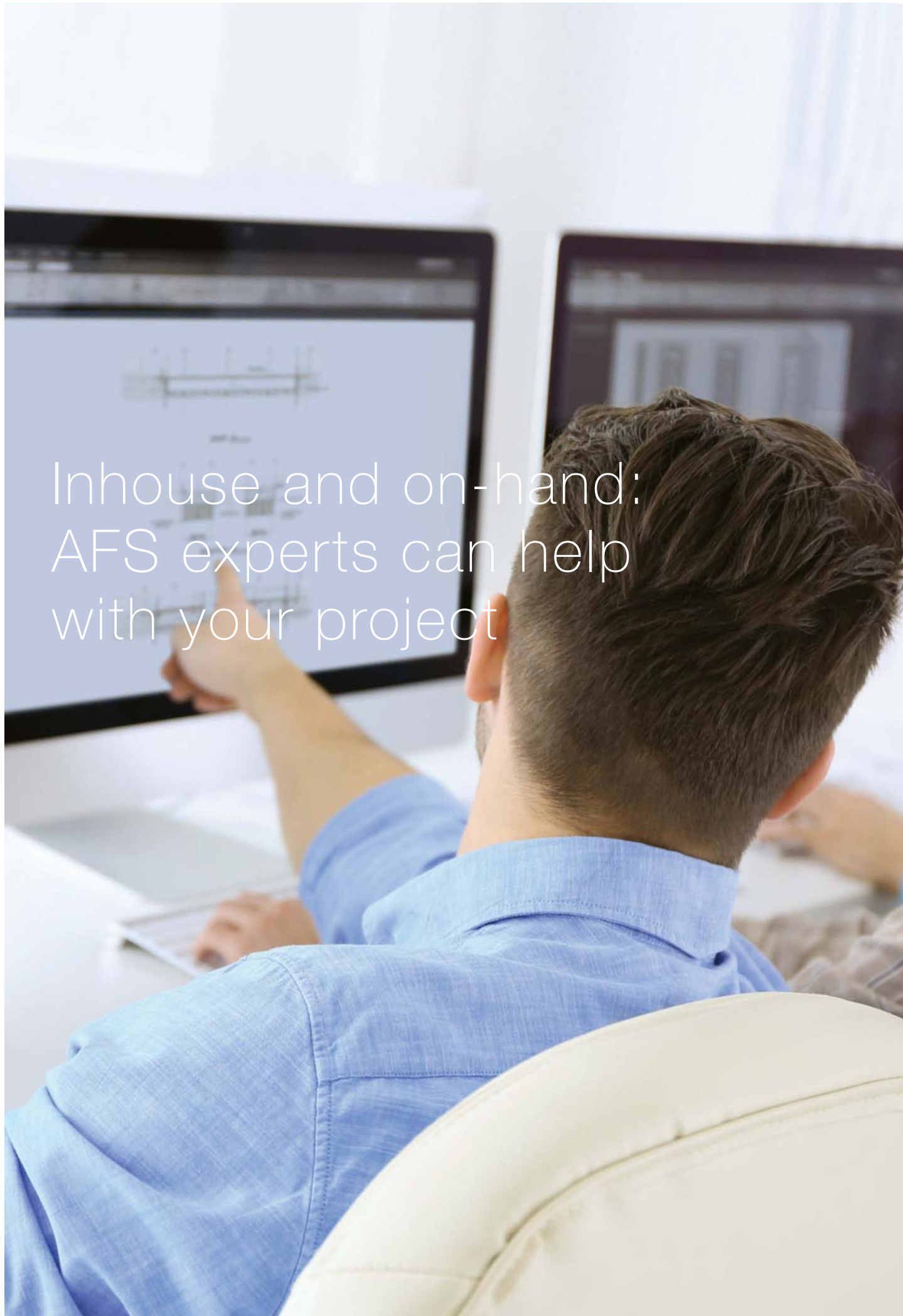
AS3600 compliant and CSIRO-certified for fire compliance and resistance to water penetration

The image displays three certificates of assessment. The first, titled 'Certificate of Test' (No. 2627), certifies that the element of construction described below was tested by the CSIRO Infrastructure Technologies in accordance with Australian Standard 1530, Methods for fire tests on building material, components and structures, Part 4.2005 on behalf of: AFS Products Group Pty Ltd, 22-24 Somerville Circuit, Elm Park NSW. The second, titled 'Assessment of the CSR AFS REDIWALL polymer-based permanent formwork system for resistance to water penetration, tested to parts of ASTM E514/E514M-14a and AS/NZS 4347.1-1995', details the test results for a reinforced concrete wall system. The third, titled 'Certificate of Assessment' (No. 2215), certifies that the specimen described below was tested by the CSIRO Infrastructure Technologies in accordance with Australian/New Zealand Standard 3837, Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter, 1998, at 50 kW/m², on behalf of: CSR Building Products Limited, 3 Trends, 22 Dells Road, North Ryde NSW 2113, AUSTRALIA.

Lightweight panels provide load bearing walling solutions for any commercial or residential project



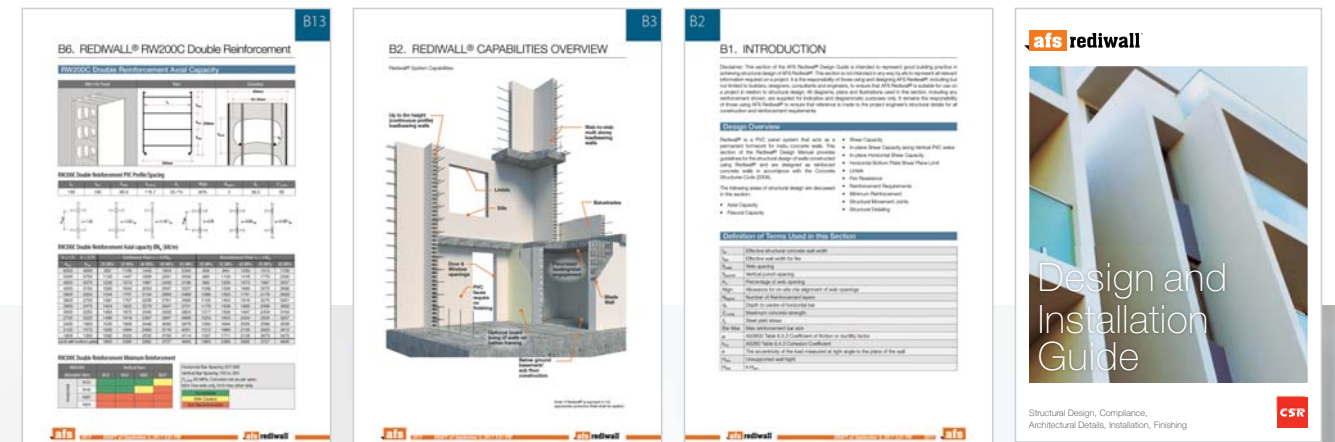
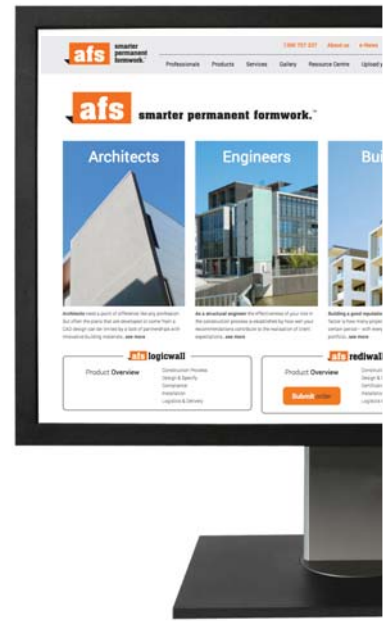
rediwall® can be utilised for above or below ground applications whether straight or curved



Inhouse and on-hand:
AFS experts can help
with your project

AFS offers architects, engineers and builders a wealth of technical reference and in-house engineering, drafting and estimating expertise.

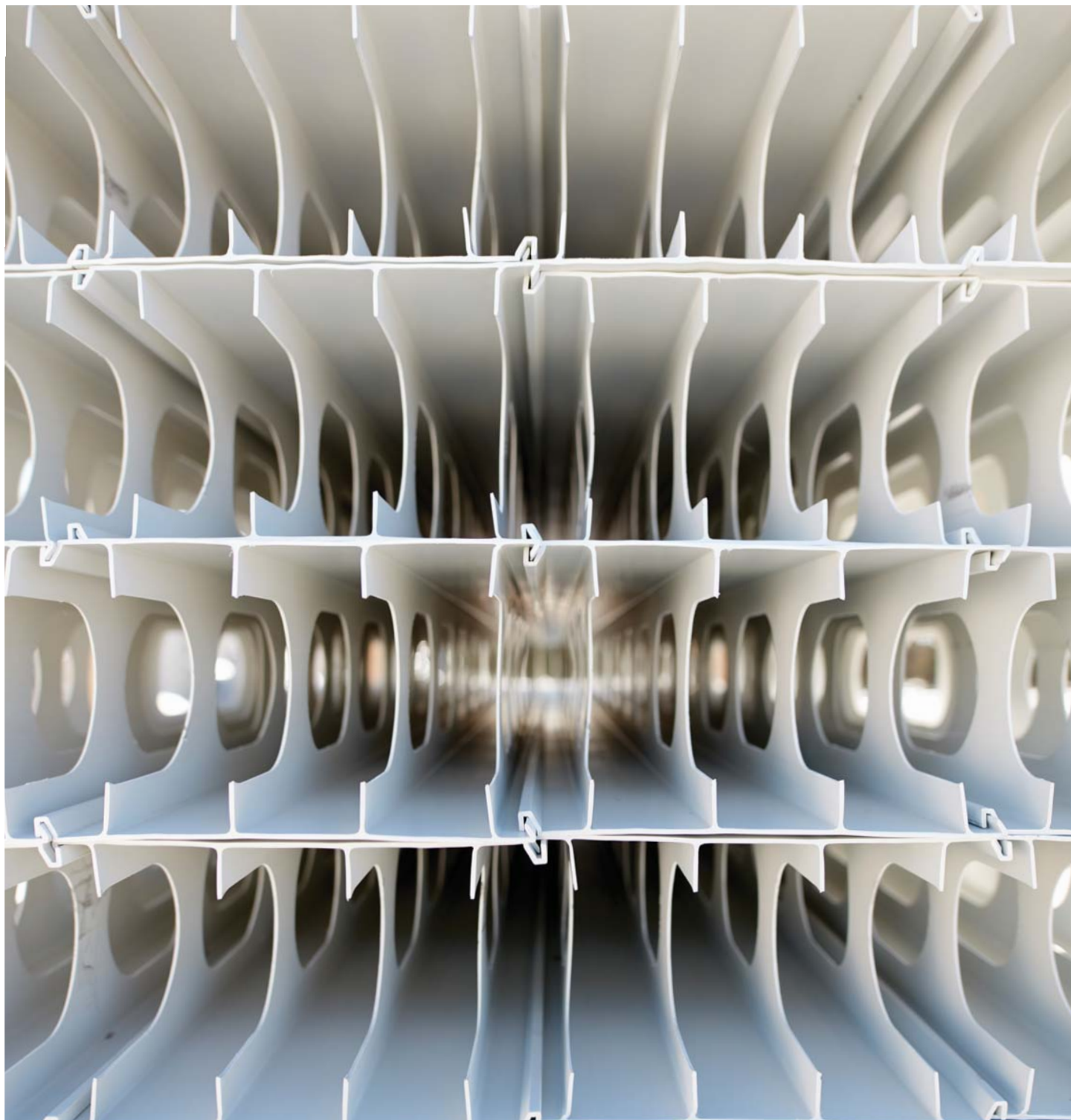
This ensures a customer can get the best advice on a project at concept design or when plans are available. Building professionals enjoy how easy the AFS website makes it to upload plans for assessment and estimation.



Customers enjoy ready reference to technical manuals, papers and design guides



PVC-based permanent formwork for basements, columns, blade & party walls, lift & stair cores, retaining walls and retention tanks



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