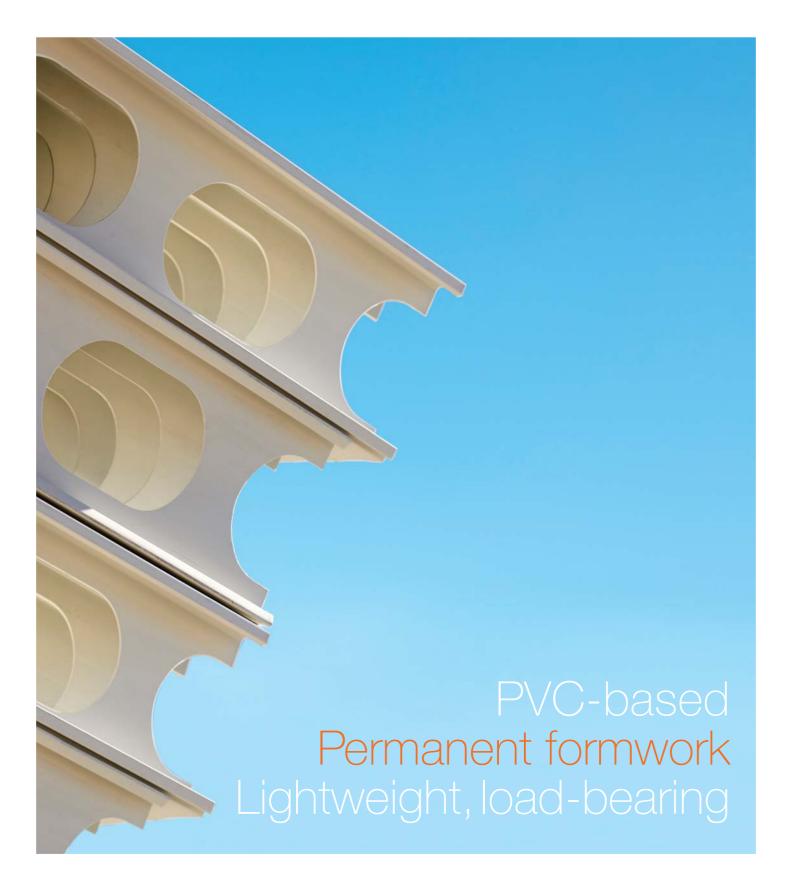
## afs rediwall



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

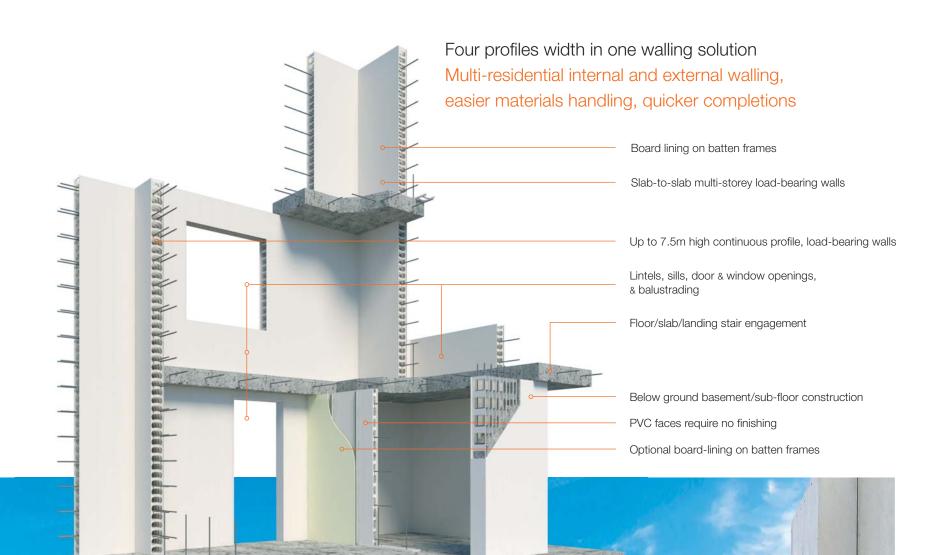
**AFS Rediwall®** is a PVC permanent formwork system and a time-saving alternative to conventional masonry and blockwork. Its precision-extruded components easily interconnect for rapid installation and there is no specialised training needed.

AS3600-compliant, rediwall<sup>®</sup> 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<sup>™</sup> and Ezy-Fit<sup>™</sup> 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

#### 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





#### Why engineers prefer rediwall®

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

#### Ease of materials handling



Speedy-Snap-In™ panels lock together instantly



#### 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 cranage necessary
- Panels provide a superior, semi-gloss surface with the option for further finishing

#### Ezy-Fit™ corner panels slide open for access



AS3600 compliant and water resistant



Significant waste reduction



#### 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.

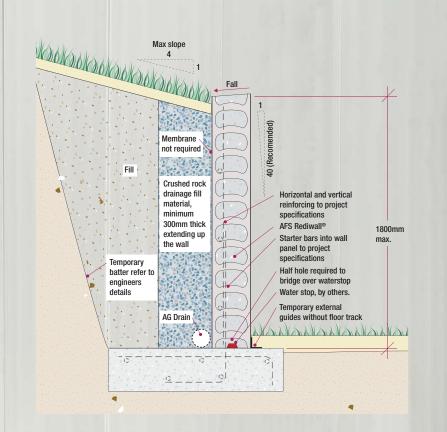


110mm,156mm, 200mm Speedy-Snap-In<sup>™</sup> panels with 90° Ezy-Fit<sup>™</sup> removable corners and 256mm slide-together panels for versatile blade walls



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

installation



#### S Y S T E M O V E R V I E W

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.

Installaton 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 loadbearing 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**

 $\mathsf{Speedy}\text{-}\mathsf{Snap}\text{-}\mathsf{In}^{\scriptscriptstyle\mathsf{TM}}$ 

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

240/240/240 240/240/240 240/240/240



afs rediwall® panels Interlocking mechanism		110mm Snap-In	156mm Snap-In	200mm Snap-In	256mm Slide-In
Thickness	Overall	110	156	200	256
	Concrete m <sup>3</sup> /m <sup>2</sup>	0.105	0.150	0.195	0.251
Application  Basements, party walls, blade walls, retaining walls and retention tanks, service and stormwater pits				Blade walls	

60/60/60

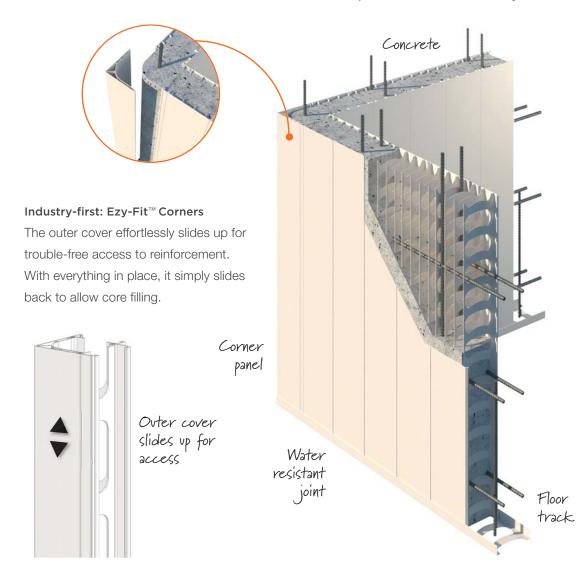
Product specifications and dimensions are subject to change without notice

Fire resistance (FRL)

#### 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.



#### Comprehensive walling system

The rediwall® system offers an exhaustive range of accessories—specific to each profile widthincluding everything you need to make curved and straight walls, above or below ground.









J-Track









T-Joiners H-Joiners





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

Ezy-Fit™90° Corner

with removable

cover is an

industry-first



#### 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 corefilling, without specialised training or trades.



Lightweight panels make for easier materials handling



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



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







acement – Core IIIII

#### INSTALLATION GUIDE AND AFTER-SALES SERVICE

 $\label{lem:decomposition} \textit{Dedicated project co-ordinators and on site training \& assistance}$ 

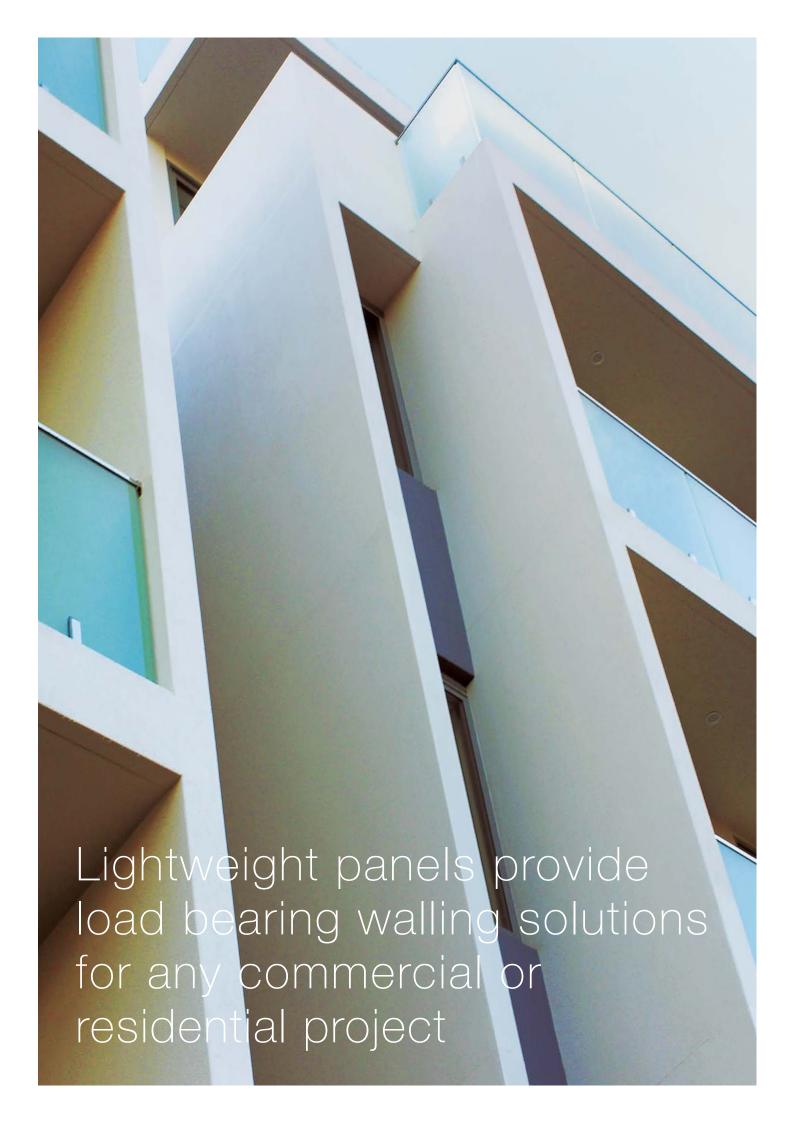




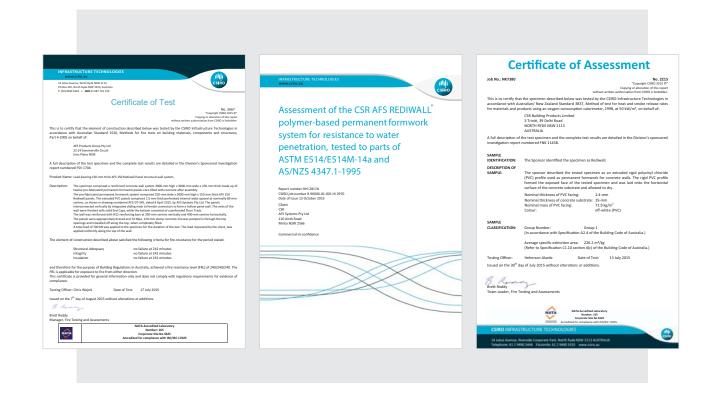
By design the afs rediwall® system can be installed by anyone without training, with the assistance of our Installation Guide. Additionally, our after-sales service team offers customers hands-on assistance on-site.

Or you can choose an AFS-recommended installer.

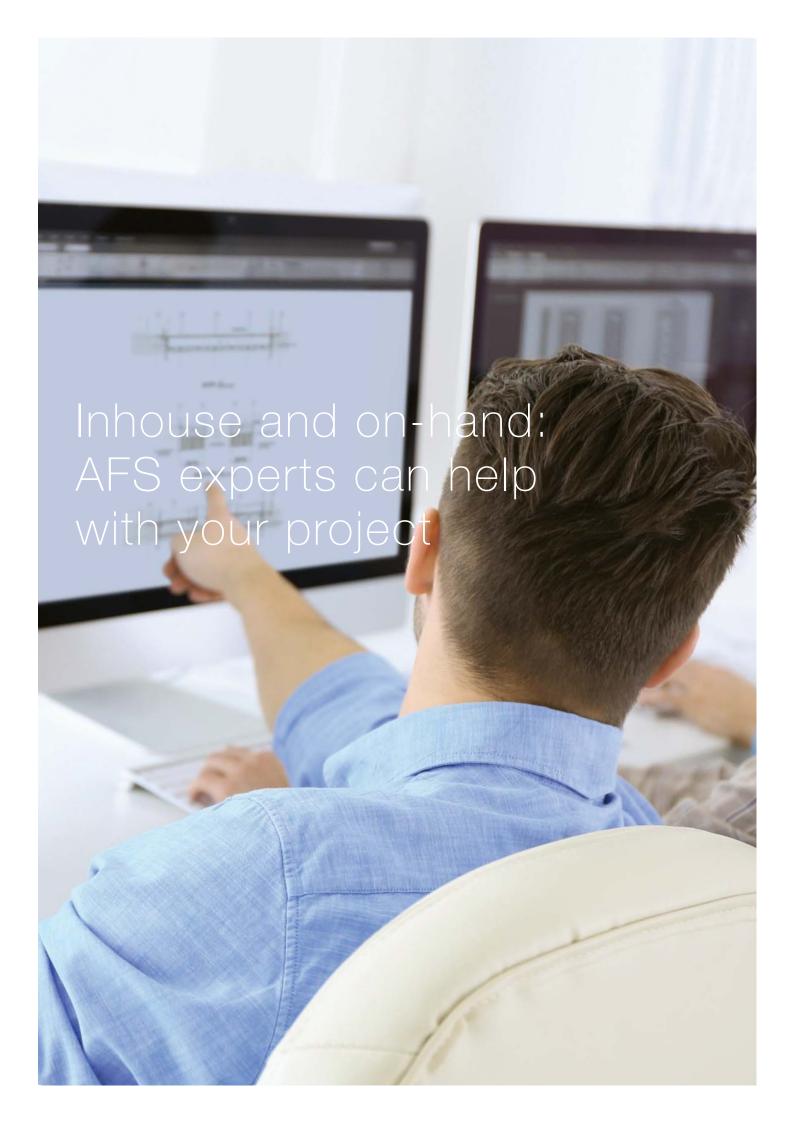




AS3600 compliant and CSIRO-certified for fire compliance and resistance to water penetration







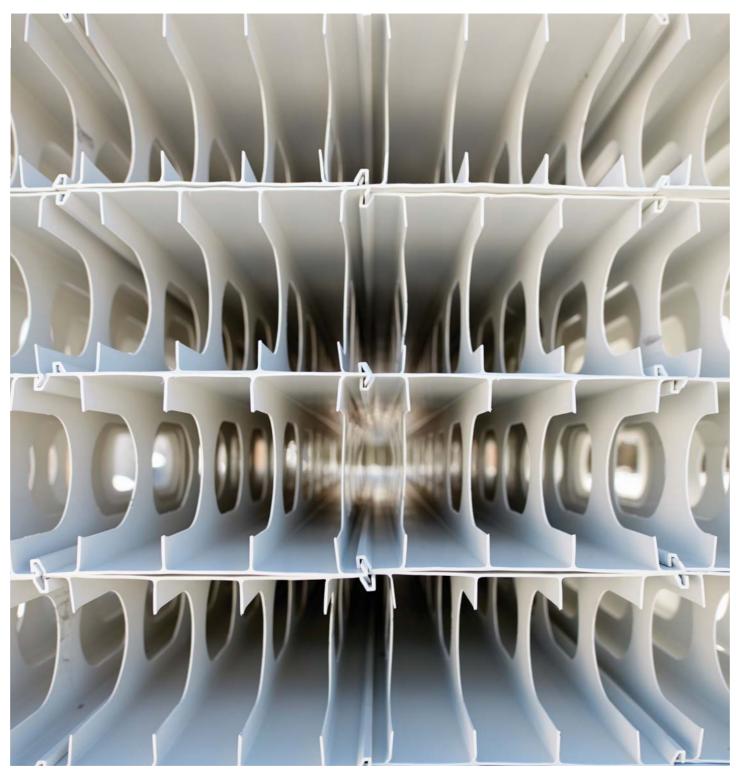
AFS offers architects, engineers and builders a wealth of technical reference and in-house engineering, drafting and estimating expertise.

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.





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



**Disclaimer:** Information presented in this document is supplied in good faith and to the best of our knowledge was accurate at the time of preparation. The provision of this information should not be construed as a recommendation to use any of our products in violation of any patent rights or in breach of any statute or regulation. Users are advised to make their own determination as to the suitability of this

information in relation to their particular purpose or specific circumstances. Since the information contained in this document may be applied under conditions beyond our control, no responsibility can be accepted by AFS or CSR, or its staff for any loss or damage caused by any person acting or refraining from action as a result of misuse of this information.

(C) 2017 AFS Systems Pty Ltd ABN 455 760 727 88 RED00JUL18



