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

Four profiles width in one walling solution
Multi-residential internal and external walling, easier materials handling, quicker completions

- Board lining on batten frames
- Slab-to-slab multi-storey load-bearing walls
- Up to 7.5m high continuous profile, load-bearing walls
- Lintels, sills, door & window openings, balustrading
- Floor/slab/landing stair engagement
- Below ground basement/sub-floor construction
- PVC faces require no finishing
- Optional board-lining on batten frames
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

**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.

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**

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Overall</th>
<th>110mm Snap-In</th>
<th>156mm Snap-In</th>
<th>200mm Snap-In</th>
<th>256mm Slide-in</th>
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<tbody>
<tr>
<td>Concrete m³/m²</td>
<td>0.105</td>
<td>0.150</td>
<td>0.195</td>
<td>0.251</td>
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| Application | Basements, party walls, columns, retaining walls and retention tanks, service and stormwater pits | Blade walls |

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<tr>
<th>Acoustic rating (STC)</th>
<th>RW 51</th>
<th>RW 57</th>
<th>RW 60</th>
<th>RW 61</th>
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<tbody>
<tr>
<td>RW + Ctr</td>
<td>44</td>
<td>50</td>
<td>53</td>
<td>54</td>
</tr>
<tr>
<td>RW + Ctr</td>
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<td>50</td>
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<td>54</td>
</tr>
</tbody>
</table>

| 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.

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.

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.

To learn more visit afsformwork.com.au
Patented Speedy-Snap-In™ system ensures easier, faster installation.

**CONSTRUCTION**

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.

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

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.
Lightweight panels provide load bearing walling solutions for any commercial or residential project.
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.
PVC-based permanent formwork for basements, columns, blade & party walls, lift & stair cores, retaining walls and retention tanks

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