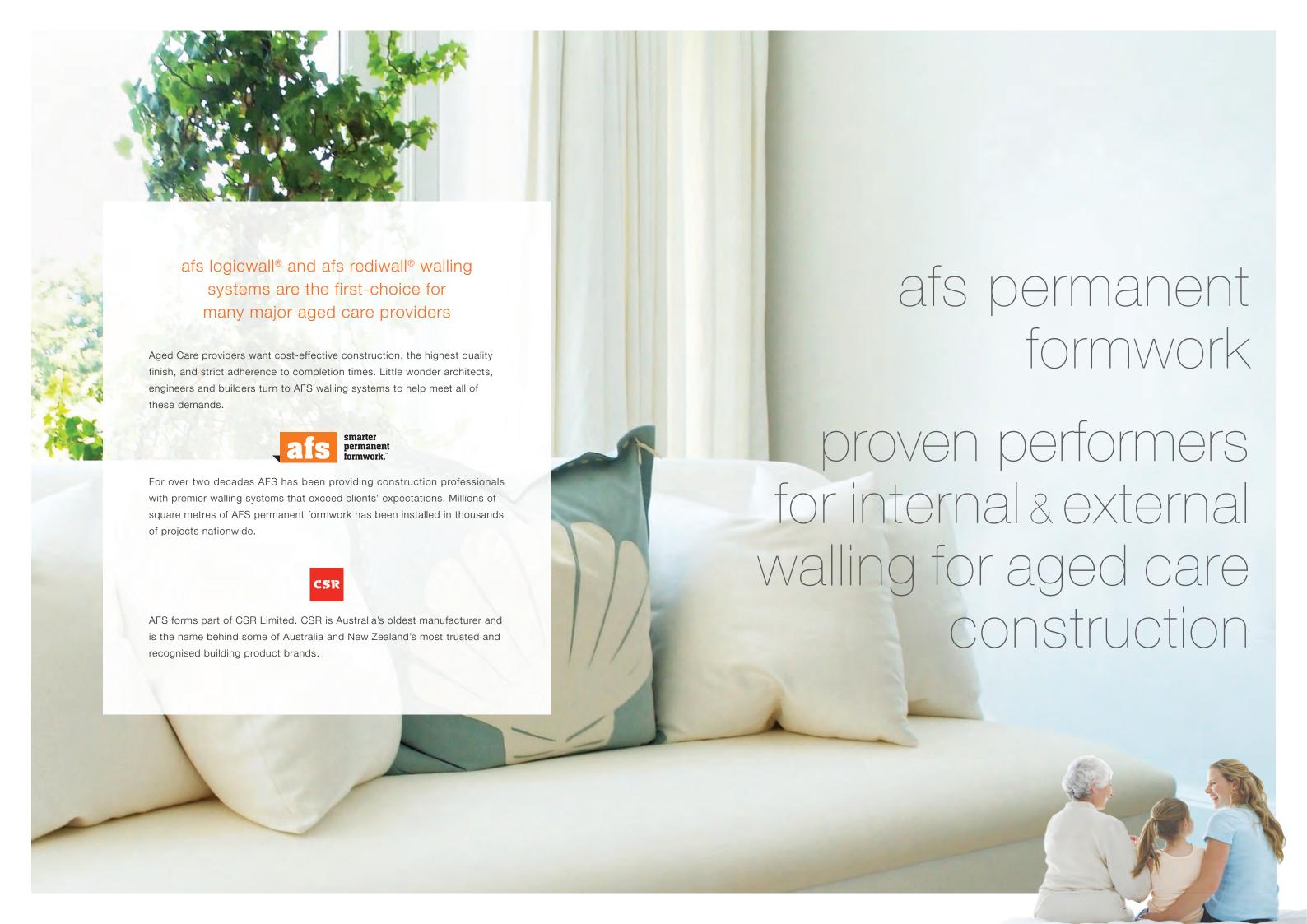


Proven, faster completion of nursing homes, aged care villages and specialist facilities





# superior certification,





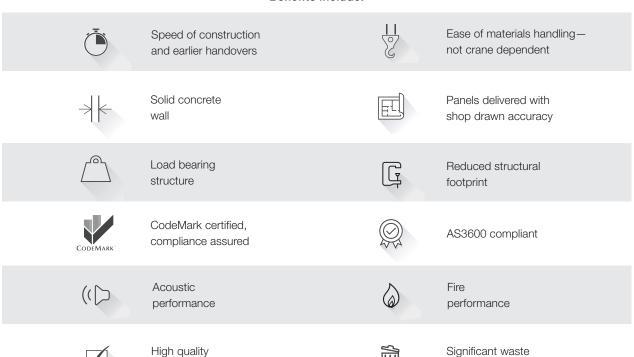




Fibre-cement based permanent formwork for internal + external walling

Preferred by architects, engineers and builders alike, afs logicwall® panels are delivered with shop-drawn accuracy and featuring corresponding labels for easy installation. They are load bearing but lightweight enough to enable manual installation. The panels provide reliably flat, true surfaces to help deliver high quality finishes.

### Benefits include:





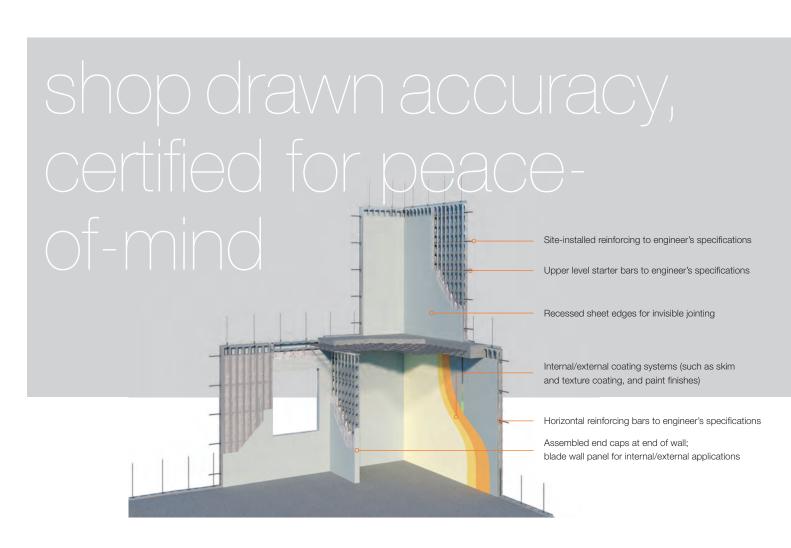
PVC-based walling system for above + below ground application

The benefits of afs rediwall® begin at delivery: arriving cut-to-size or in stock lengths. Easily handled, its innovative panels readily snap or slide into place, making for rapid installation and core-filling—in almost endless applications. The resulting semi-gloss finish provides a low maintenance surface, with the option for further finishing as specified.

### Benefits include:

Speed of construction		Lightweight, durable system
Ease of materials handling		Above and below ground versatility
Load bearing structure	TADANCA I	Speedy Snap-In™ panels lock together instantly
Ezy-Fit™ corner panels slide open for access	CODEMARK	CodeMark certified compliance assured
AS3600 compliant		Water resistant
Fire performance		Significant waste reduction

reduction







# Fibre-cement based walling system for multi-residential

AFS Logicwall® is a fibre-cement permanent formwork system. Load-bearing to 30 floors, it is proven nationwide and has been specified in numerous aged care projects for its robustness and reliably uniform surfaces. Panels function as permanent sacrificial formwork, providing load bearing walling in one quick-to-install solution.

Wall Type	LW120 Single reinforcement	LW150 Single reinforcement	LW162 Single reinforcement	LW200 Single reinforcement	LW200D Double reinforcement	LW262  Double reinforcement
Wall Thickness	120mm	150mm	162mm	200mm	200mm	262mm
Filled Wall Mass (kg/m²)	290	360	394	480	480	630
Application	External façades, batten/sheet party walls, balustrades	External façades, batten/sheet party walls, blade walls	Stand-alone party walls, external façades, blade walls	Lift and stair shafts, stand-alone party walls, blade walls	Deep beams, lift & stair shafts, shear walls, blade walls	Shear walls, lift and stair shafts, blade walls
Acoustic Rating (Rw) Rw + Ctr	50 47	54 50	55 50	58 53	58 53	62 57
Max Fire Resistance Level (based on CSIRO testing)	240/240/180 <sup>‡</sup>	240/240/180 <sup>‡</sup>	240/240/240+	240/240/240+	240/240/240+	240/240/240 <sup>+</sup>
Design Axial Capacities \$ (based on AS3600-2018)	320 kN/m~	415 kN/m^	555 kN/m^^	870 kN/m^^^	2055 kN/m#	3460 kN/m#

- <sup>‡</sup> CSIRO testing, max fire load = 233kN/m @ FI-FI = 3000mm
- CSIRO testing, max fire load = 200kN/m @ FI-FI = 3000mm

- Sind lesting, link life load = 200RV/life pr-Fr = 3000 km k = 0.75,  $H_{\text{WB}} = 2025$ ,  $f_{\text{c}} = 25 \text{MPa}$ , FRL 90/90/180  $^{\circ}$  Based on FI-Fl = 2700mm, ecc < 0.05 $^{\circ}$ tw, k = 0.75,  $H_{\text{WB}} = 2025$ ,  $f_{\text{c}} = 32 \text{MPa}$ , FRL 90/90/180  $^{\circ}$  Based on FI-Fl = 2700mm, ecc < 0.05 $^{\circ}$ tw, k = 0.75,  $H_{\text{WB}} = 2025$ ,  $f_{\text{c}} = 32 \text{MPa}$ , FRL 120/120/240 Based on FI-Fl = 2700mm, ecc < 0.05 $^{\circ}$ tw, k = 0.75,  $H_{\text{WB}} = 2025$ ,  $f_{\text{c}} = 32 \text{MPa}$ , FRL 180/180/240 Based on FI-Fl = 2700mm, ecc < 0.05 $^{\circ}$ tw, k = 0.75,  $H_{\text{WB}} = 2025$ ,  $f_{\text{c}} = 32 \text{MPa}$ , FRL 180/180/240
- # Based on FI-FI = 2700mm, ecc < 0.05 th, k = 0.75, H<sub>we</sub> = 2025, f<sub>c</sub> = 40MPa, FRL 180/180/240

  § Indicative capacities. Actual capacities to be determined for specific wall location and design conditions. Refer AFS Rediwall Design Manual and AS3600

afs rediwall

PVC-based walling system for above + below ground application

With four profile widths, the afs rediwall® system is the solution for a variety of walling applications. Robust and load bearing, its pvc-based panels are not crane-dependent which makes materials handling easy. And they are available in both stock or cut-to-size lengths.



Wall Type	RW110 Snap-In	RW156 Snap-In	RW200 Snap-In	RW256 Slide-In	RW275 Slide-In	RW300 Slide-In
Wall Thickness	105mm	150mm	194mm	250mm	269mm	294mm
Filled Wall Mass (kg/m²)	252	360	466	600	646	706
Application	Party walls		Basements, party and blade walls, retaining walls and retention tanks, service and stormwater pits		Basements, party and blade walls, columns, retaining walls	
Acoustic Rating (Rw) Rw + Ctr	50 45	56 50	58 53	61 54	(>60) >55	(>60) >55
Max Fire Resistance Level (based on CSIRO testing)	90/90/90 (N* <sub>f</sub> <152 kN/m, H <sub>WU</sub> <2700)##	240/240/240 (N* <sub>f</sub> <333 kN/m, H <sub>WU</sub> <3000)##	240/240/180 (N* <sub>f</sub> /ØN <sub>U</sub> =0.53)#	240/240/240 (N* <sub>f</sub> /ØN <sub>U</sub> =0.54)#	240/240/240 (N* <sub>f</sub> /ØN <sub>U</sub> =0.69)#	240/240/240 (N* <sub>f</sub> /ØN <sub>u</sub> =0.70)#
Design Axial Capacities# (kN/m)	315	450	2015	2731	2968	3277

- # Based on AS3600-2018 with Hwu=3000, f'c=32 Mpa UNO
- ## Based on CSIRO Fire Test Report Number FSV1704, SGA Evidence of Suitablity Report 2013/277.65 R1.2
- #2 2 lavers of reinforcement



# in-house & on site expertise

customers enjoy calling on the experience of our in-house team of experts

and the peace-of-mind of using our recommended installers

## afs design team

We offer the very best project advice through our in-house team of experts, including engineers, estimators and technical advisers.

You'll also have access to the afs design toolbox, a library of design and construction guides, and our inhouse project specialists.

### certified and recommended installers

To ensure the highest quality installation of AFS walling systems in your project we strongly recommend you engage only AFS-endorsed installers.

AFS Logicwall® certified installers are regularly audited to ensure their competence in the construction methodology of our logicwall® product. Only those installers that we deem to pass are issued with a *Certificate of Installation* confirming that they continue to conform to our installation methods.

AFS Rediwall® is an easy-to-use walling system, supported by detailed construction and technical guides, and benchmark AFS after-sales service. Or if you prefer, we have a network of recommended rediwall® installers who are expert in its assembly.





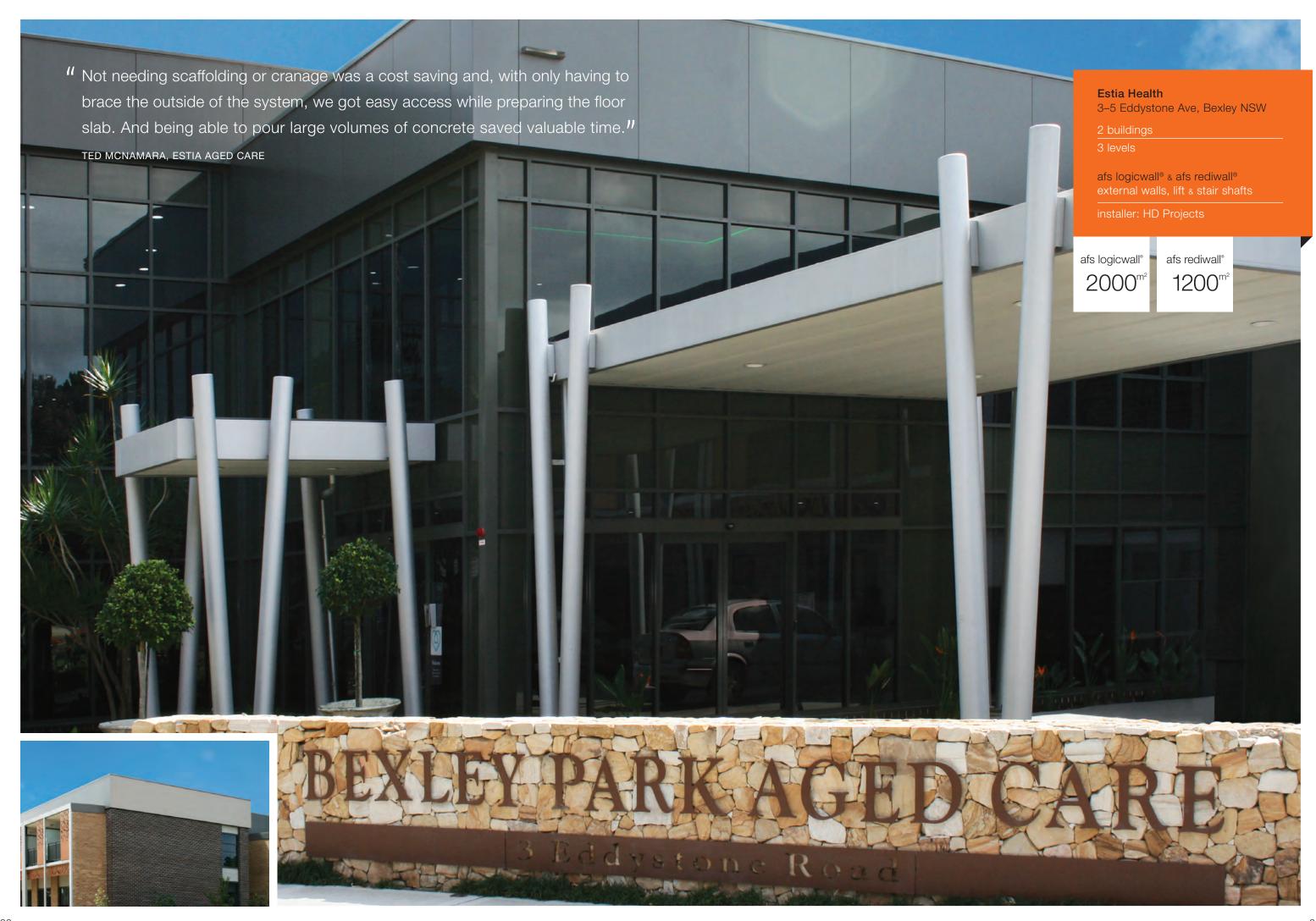


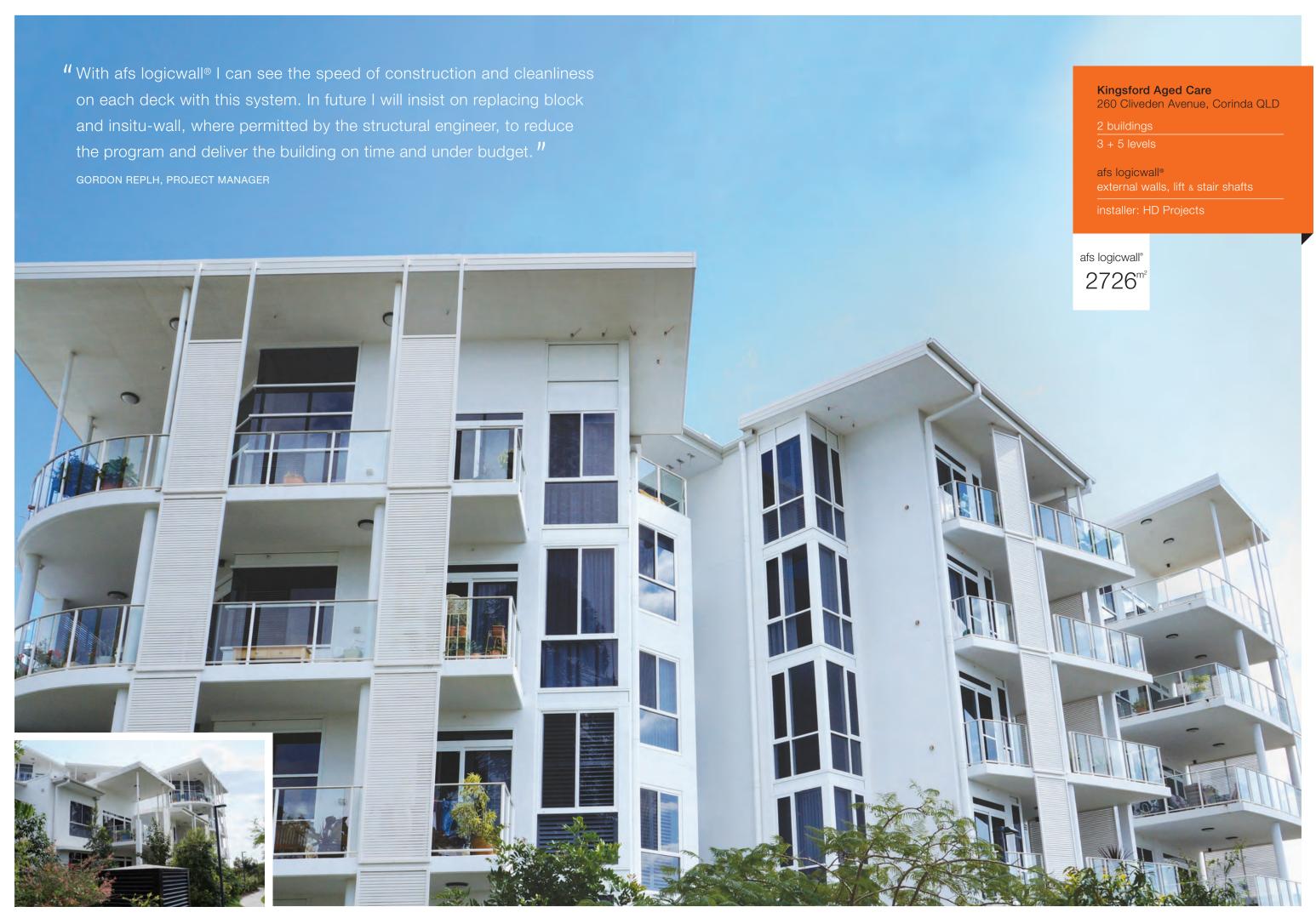














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