AS5216:2018 Compliance

AS5216:2018 Design of post-installed and cast-in fastenings in concrete is referenced in the NCC (National Construction Code) for post-installed and cast-in fastenings in concrete.

To be compliant with AS5216, the products need to be tested and assessed in accordance with the European Assessment Document (EAD) associated with the product. The values obtained by the assessment to the EAD is summarised in a European Technical Assessment (ETA) certificate and it must be utilised in accordance with the provisions from the standard.

For post-installed mechanical anchors, the relevant assessment is completed to EAD 330232.
For bonded fasteners (chemical anchors), the relevant assessment is completed to EAD 330499.
For cast-in fasteners/anchor channels, the relevant assessment is completed to EAD 330008.

Below is a list of post-installed mechanical and chemical anchors for use in concrete and masonry that Hobson Engineering offers which have current ETAs and thus comply with AS5216:2018.

For more technical information and expert advice, please contact Hobson Engineering online at hobson.com.au.

The following tables provide a summary of assessed performance against the relevant EAD. Please refer to the specific product ETA for installation details, product performance and use limitations.

Post Installed Chemical Anchors - Mungo

			Product Details		ETA Option							Applications	
			Description	Prefix	ETA Option 1	ETA Option 7	Fire Rated	ETAG 001	ETAG 029	C1	C2	Cracked	Non-Cracked
					Option 1	Option 7		Teil/Part 6	ETAG 029	C1	C2		
Chemical Anchors	MIT700RE **Pure Epoxy**		MIT700RE	MUCMT700	✓		✓			✓	✓	✓	✓
	MUCMTHYP **Vinylester Urethane**		MIT-HYBRID Plus	MUCMTHYP	✓		✓			✓	✓	✓	✓
	MUCMTSEP **Vinylester**		MIT-SE PLUS	MUCMTSEP	✓		✓		✓	✓		✓	✓
	MUCMTSP0 **Polyester**		MIT-SP	MUCMTSP0		✓			✓				✓



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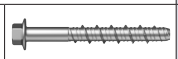
Post Installed Mechanical Anchors

			Product Details			ETA Option						Applications	
			Finish	Sizes	Prefix	ETA Option 1	ETA Option 7	Fire Rated	ETAG 001	C1	C2	Cracked	Non-Cracked
Mechanical Anchors	Clawbolt Pro **Wedge Anchor**		316 Stainless	M8	EAW16PD17M	✓		✓		✓		✓	✓
			316 Stainless	M10 M12 M16	EAW16PD18M	✓		✓		✓	✓	✓	✓
			316 Stainless	M6 M8	EAW16PD70M		✓						✓
			Mechanical Galvanised	M8 M10 M12 M16 M20	EAWMSGD15M	✓		✓				✓	✓
			Zinc Plated	M8	EAWMSZD15M	✓		✓				✓	✓
			Zinc Plated	M10 M16	EAWMSZD17M	✓		✓		✓		✓	✓
			Zinc Plated	M12 M20	EAWMSZD18M	✓		✓		✓	✓	✓	✓
	Drop-In Pro **Anchor**		Zinc Plated	M6	EDIMSZ73M		✓	✓	✓				✓
			Zinc Plated	M8 M10 M12 M16	EDIMSZ76M		✓	✓	✓				✓
	Drop-In Pro **Lip Anchor**		Zinc Plated	M6	EDLMSZ73M		✓		✓				✓
			Zinc Plated	M8 M10 M12 M16	EDLMSZ76M		✓	✓	✓				✓
	H-IT™Pro Splice **Wedge**		Zinc Plated	M6	EHWMSZS37M			✓	✓				✓
	XBolt® Pro **Dome Head**		316 Bi-Metal	M6 M8	EXD6XP15M	✓		✓	✓			✓	✓
	XBolt® Pro **Hex Flange**		316 Bi-Metal	M6 M8 M10 M12	EXH6XP15M	✓		✓	✓			✓	✓
	XBolt® Pro **CSK Head**		316 Bi-Metal	M6 M8	EXK6XP15M	✓		✓	✓			✓	✓
	XBolt® Pro **Stud**		Zinc Plated	M8	EXSMSZD15M	✓		✓	✓			✓	✓
			Zinc Plated	M10	EXSMSZD17M	✓		✓		✓		✓	✓
			Zinc Plated	M12	EXSMSZD18M	✓		✓		✓	✓	✓	✓



AS5216:2018 Compliance

Post Installed Mechanical Anchors

		Product Details			ETA Option						Applications	
		Finish	Sizes	Prefix	ETA Option 1	ETA Option 7	Fire Rated	ETAG 001	C1	C2	Cracked	Non-Cracked
					Option 1	Option 7		Teil/Part 6	C1	C2		
Mechanical Anchors	XBolt® Pro **Hex Flange** 	R1000 Hours Protective Coat	M6 M8 M10 M12	EXHMSR15M	✓		✓				✓	✓
		R1000 Hours Protective Coat	M6	EXHMSR17M	✓		✓		✓		✓	✓
		R1000 Hours Protective Coat	M8 M10 M12 M14	EXHMSR18M	✓		✓		✓	✓	✓	✓