

WCC CLARIFICATION OF THE NEW ZEALAND FIRE SERVICE FIRE FIGHTING WATER SUPPLIES CODE OF PRACTICE SNZ PAS 4509:2008

RECOMMENDED OPTIONS FOR RESIDENTIAL PREMISES					
RESIDENTIAL BUILDING FIRE COVERAGE	DOMESTIC SPRINKLER	DEDICATED STORAGE FOR FIRE FIGHTING ONLY*		HYDRANTS	DOMESTIC HOUSE SUPPLY
		FW1	FW2		
OPTION 1	Yes (off Tank)	7 + 1 = 8 m ³	-	None	From a separate tank
OPTION 2	Yes (off Tank)	7* + 1 = 8m ³	-	None	From mains supply
OPTION 3 **	Yes (off Mains)	-	-	12.5 l/sec within 270 metres, Fire Service Fire Region Manager to approve on a case by case basis.	From mains supply
OPTION 4 **	Yes (off Mains).	7m ³	-	None	From mains and/or a separate tank.

ALTERNATIVE COMPLYING OPTIONS FOR RESIDENTIAL PREMISES NOT RECOMMENDED BY WCC or NZFS FOR SAFETY REASONS					
RESIDENTIAL BUILDING FIRE COVERAGE	DOMESTIC SPRINKLER	DEDICATED STORAGE FOR FIRE FIGHTING ONLY*		HYDRANTS	DOMESTIC HOUSE SUPPLY
		FW1	FW2		
OPTION 5	No		45m ³ *	None	From a separate tank
OPTION 6	No	-	45m ³ *	None	From mains supply
OPTION 7	No	-	-	12.5 l/sec + 12.5 l/sec (135m) (270m)	From mains supply
OPTION 8 *** For Existing Dwellings only	No	-	-	A 240 Volt Early Warning System (thermals or smoke alarms) to be installed in living, dining, kitchen and in bedroom areas, with 12.5 l/sec within 270 metres. Fire Service Fire Region Manager to approve on a case by case basis	From mains supply

* Provide this dedicated storage (with Fire Service coupler fittings) either by tank or alternative such as pond, pool, stream etc. as per NZFS Code of Practice. Hard standing area for New Zealand Fire Service appliances required. Note: This dedicated storage must not be used for domestic supply.

** For Option 3 & 4 a 25mm meter is required. Specific design of service pipe is required.

*** Option 8 is only available for retrofit situations for existing dwellings where it is not technically and/or economically feasible to install domestic sprinklers. This option to be approved by N.Z. F.S. on a case by case basis.