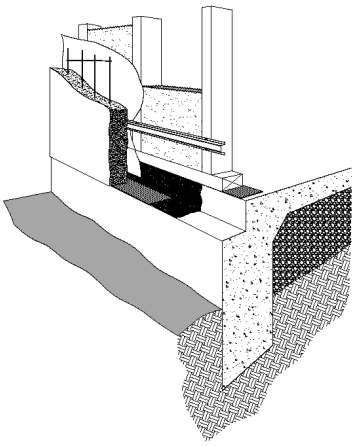
Supercrete

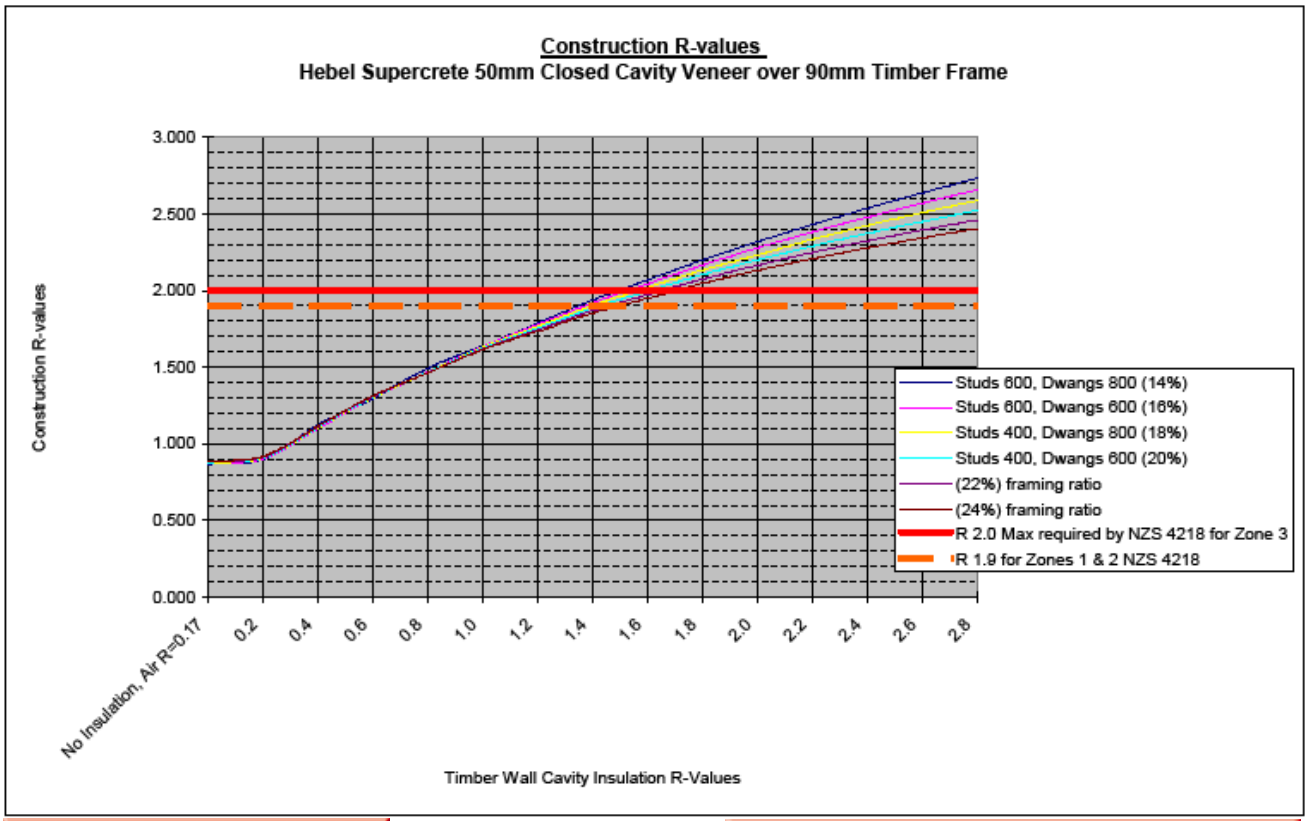
CRDS-1



Total Construction R-Values for Hebel 50mm Panel on 90mm Timber Frame						
	Timber frame space Insulation Material R Value					
Framing Layout	1.8	2.0	2.2	2.4	2.6	2.8
Studs 600, dwangs 800 - 14% wall area	2.197	2.317	2.429	2.535	2.636	2.731
Studs 600, dwangs 600 - 16% wall area	2.165	2.276	2.380	2.477	2.569	2.656
Studs 400, dwangs 800 - 18% wall area	2.133	2.231	2.333	2.423	2.507	2.586
Studs 400, dwangs 600 - 20% wall area	2.103	2.199	2.289	2.372	2.449	2.521
22% wall area	2.074	2.164	2.247	2.323	2.394	2.460
24% wall area	2.046	2.130	2.207	2.278	2.343	2.403

NOTE. A Rondo batten spacing of 600mm has been taken as a convenient mean figure for the purposes of calculation. The actual spacing may not be uniform but this will not affect the Construction R-value. The difference in Cavity Construction R-value between battens spaced at 400mm and 800mm is only 0.001, therefore, the spacing of the battens is not going to have a great impact on the Construction R-value of the wall as a whole

These figures do not take into account values for windows and doors. These can be obtained using the **Window** or **Therm** software packages.
The Insulation Material R-values given are those regarded as the normal range for residential buildings. Other values below R1.8 can be obtained from the associated graph. R2.8 is the highest practicable R-value of common insulation materials that can be used with 90mm studs



Hebel Supercoat