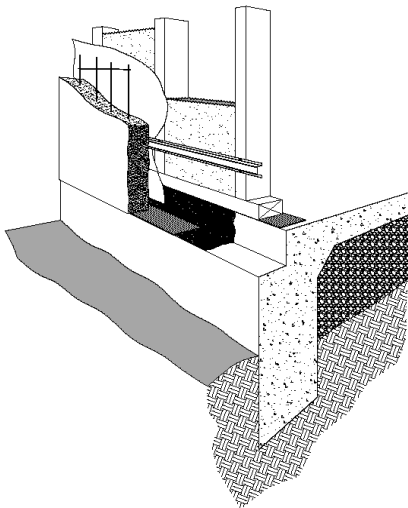


# Supercrete

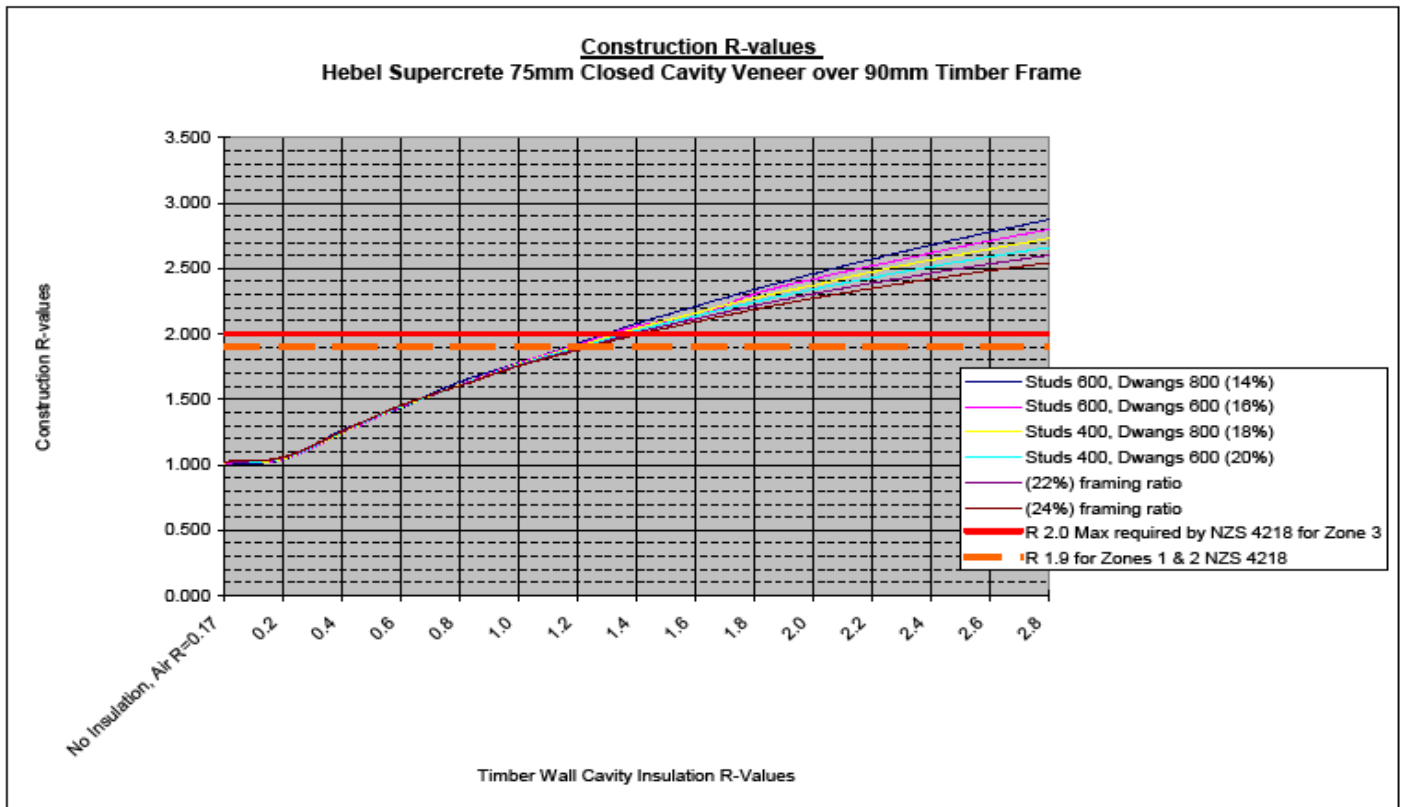
## CRDS-2



Total Construction R-Values for Hebel 75mm Panel on 90mm Timber Frame						
Framing Layout	Timber frame space Insulation Material R Value					
	1.8	2.0	2.2	2.4	2.6	2.8
Studs 600, dwangs 800 - 14% wall area	2.337	2.457	2.569	2.675	2.776	2.871
Studs 600, dwangs 600 - 16% wall area	2.305	2.416	2.520	2.617	2.709	2.796
Studs 400, dwangs 800 - 18% wall area	2.273	2.371	2.473	2.563	2.647	2.726
Studs 400, dwangs 600 - 20% wall area	2.243	2.339	2.429	2.512	2.589	2.661
22% wall area	2.214	2.304	2.387	2.463	2.534	2.599
24% wall area	2.186	2.270	2.347	2.418	2.483	2.543

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

# Supercrat