Table 1: Phase identification numbers in VCCTL.

Phase	Display Name	ID
Liquid Solution	POROSITY	0
Alite	C3S	1
Belite	C2S	2
Cubic Aluminate	C3A	3
Ferrite	C4AF	4
Arcanite	K2SO4	5
Thenardite	NA2SO4	6
Gypsum	GYPSUM	7
Bassanite	HEMIHYD	8
Anhydrite	ANHYDRITE	9
Silica fume	SFUME	10
Inert filler	INERT	11
Slag	SLAG	12
Unreactive Aggregate	INERTAGG	13
Aluminosilicate glass	ASG	14
Calcium aluminosilicate glass	CAS2	15
Amorphous silica	AMSIL	16
Aluminate in fly ash	FAC3A	17
Generic fly ash	FLYASH	18
Portlandite	CH	19
Normal C–S–H	CSH	20
Hydrogarnet	C3AH6	21
Normal ettringite	ETTR	22
Fe-ettringite	ETTRC4AF	23
Monosulfate	AFM	24
Iron hydroxide	FH3	25
Pozzolanic C–S–H	POZZCSH	26
Hydration product from slag	SLAGCSH	27
Calcium chloride	CACL2	28
Friedel's salt	FRIEDEL	29
Strätlingite	STRAT	30

Continued on next page

Continued from previous page

Phase	Display Name	ID
Secondary gypsum	GYPSUMS	31
Gypsum absorbed in C–S–H	ABSGYP	32
Calcium carbonate	CACO3	33
Carboaluminate	AFMC	34
Brucite	BRUCITE	35
Magnesium sulfate	MS	36
Free lime	FREELIME	37
Orthorhombic aluminate	OC3A	38
Diffusing C–S–H	DIFFCSH	39
Diffusing CH	DIFFCH	40
Diffusing gypsum	DIFFGYP	41
Diffusing aluminate	DIFFC3A	42
Diffusing ferrite	DIFFC4A	43
Diffusing iron hydroxide	DIFFFH3	44
Diffusing ettringite	DIFFETTR	45
Diffusing calcium carbonate	DIFFCACO3	46
Diffusing aluminosilicate	DIFFCAS	47
Diffusing anhydrite	DIFFANH	48
Diffusing hemihydrate	DIFFHEM	49
Diffusing calcium aluminosilicate	DIFFCAS2	50
Diffusing calcium chloride	DIFFCACL2	51
Diffusing sulfate	DIFFSO4	52
Dried porosity	DRIEDP	53
Empty dried porosity	EMPTYDP	54 (not used)
Self-desiccated porosity	EMPTYP	55
Porosity formed by cracking	CRACKP	56