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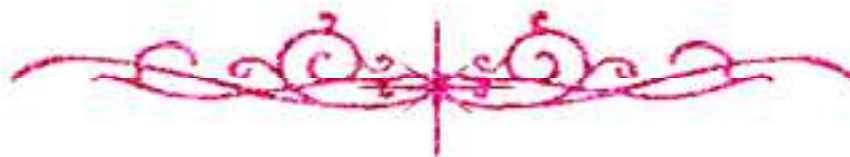


جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

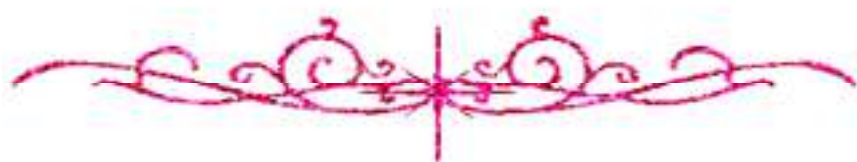
نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
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Mona maghraby



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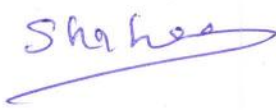
CONCRETE ADMIXTURES

By
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B.Sc. 1996 Civil Engineering Dept. Minufiya University.

A THESIS
Submitted In Partial Fulfillment For The Requirements Of The
Degree Of Master Of Science In Engineering
(Structural Engineering – Strength And Test Of Materials)

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July - 2000

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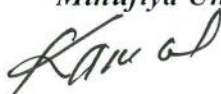
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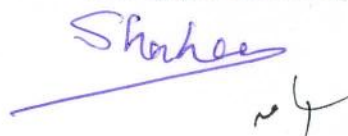
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2000

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

لَا إِلَهَ إِلَّا اللَّهُ
مُحَمَّدٌ رَسُولُ اللَّهِ
وَالْحَقُّ مَوْلَانَا

Abstract

This research was conducted to determine the real efficiency of some types of concrete admixtures commercially available in the Egyptian market on the properties of fresh and hardened cement paste , cement mortar and concrete , Effect of high temperature and fire on the behavior and strength of plain concrete specimens and reinforced concrete beams has also been investigated . Conclusions , recommendations and future studies in the field of concrete admixtures in different environments has been presented .

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Contents

Title	Page
Abstract	I
Acknowledgment	II
Contents	III
List of Figures	VIII
List of Tables	XIV
Chapter 1: Introduction	
1-1 General	1
1-2 Research Objectives	1
1-3 Thesis outlines	1
Chapter 2: Concrete Admixtures	
2-1 Introduction.....	3
2-2 Definitions of Admixtures	3
2-3 Classification of Admixtures.....	5
2-4 Development of chemical admixtures	7
2-4-1 Conventional Chemical	8
2-4-1-1 Composition.....	8
2-4-1-2 Historical Development	8
2-4-2 The Modern Admixtures	12
2-4-2-1 Air-entraining Admixtures.....	12
2-4-2-2 Accelerating Admixtures	14
2-4-2-3 Admixtures For Flowing Concrete	16
2-4-2-4 Miscellaneous Admixtures	18
2-4-2-5 Water reducing and set controlling	23
2-5 Importance of Determination of the proper Dosage of the Admixture.....	35

Title	Page
2-6 Various Effect of Admixtures on the Properties of Fresh Concrete	37
2-6-1 Water reduction	37
2-6-2 Time of Setting	38
2-6-3 Air- Entrainment	39
2-6-4 Workability	40
2-6-5 Bleeding	40
2-6-6 Heat of Hydration and Temperature	41
2-6-7 Rate of Slump loss	41
2-6-8 Finishing	41
2-7 Effect of Admixtures on the properties of Hardened Concrete	42
2-7-1 Strength	42
2-7-2 Shrinkage and Creep	43
2-7-3 Durability	43
2-8 Preparation and Batching	44
2-9 Proportioning of Concrete Mixes Counting Admixtures	45
2-10 Quality Control	45
2-11 Precautions	46
2-12 Chemical Admixtures for Concrete in Hot Weather ..	48
Chapter 3: Experimental Work	
3-1 Introduction	58
3-2 characteristics of materials used	59
3-2-1 Aggregate	59
3-2-2 Cement	60
3-2-3 Water	60
3-2-4 Admixtures	61

Title	Page
3-2-5 Reinforcing Steel.....	61
3-3 Cement Paste Mortar and Concrete Mixes	61
3-3-1 Cement paste.....	61
3-3-2 Mortar.....	61
3-3-3- Concrete	62
3-4 Specimens Preparation and Testing.....	62
3-5 Concrete Mix design.....	64
3-6 Flexural behaviour of R.C. beams exposed to fire	65
3-7 Testing of R.C. beams exposed to fire	66
3-8 Machines and devices used	67
Chapter 4: Analysis and Discussion of Test Result	
For Cement and Mortar Mixes	
4-1 Introduction.....	78
4-2 Cement Paste.....	78
4-3 Mortar.....	80
4-3-1 Workability of Mortar Mixes	80
4-3-1-1 Effect of Admixture Dosage on Mortar	
Admixture Workability.....	81
4-3-2 The Effect of different Types of Admixtures on	
Compressive Strength of Mortar	82
4-3-2-1 Effect of Admixtures Content on	
Compressive Strength of Mortar	82
4-3-2-2 Effect of Age on Mortar Compressive	
Strength.....	85
Chapter 5: Analysis and Discussion of Plain Concrete	
Results	
5-1 Introduction.....	110

Title	Page
5-2 Effect of the different types of admixtures used on the properties of fresh concrete.....	111
5-3 Effect of the different types of admixtures used on the properties of hardened concrete.....	112
5-3-1 Concrete Compressive Strength	112
5-3-2 Indirect tensile strength of Concrete	114
5-3-3 Modulus of elasticity of concrete	116
5-3-3-1 Egyptian code of practice	116
5-3-3-2 American code of practice	117
CHAPTER 6: Flexural Behaviour of Reinforced Concrete	
Beams Exposed to Fire	
6-1 Introduction.....	134
6-2 Deformations of Reinforced Concrete Beams.....	134
6-2-1 Deflection	135
6-2-2 Longitudinal Strains.....	139
6-2-2-1 Longitudinal tensile strains.....	140
6-2-2-2 Longitudinal Compressive Strain.....	145
6-3 Cracking of Reinforced Concrete Beams.....	150
6-3-1 Crack Initiation	150
6-3-2 Crack Spacing.....	151
6-4 Ultimate Capacity of Reinforced Concrete Beams	151
6-4-1 The Effect of Fire on Ultimate Capacity of Beams.....	152
6-4-2 The Effect of Admixture on ultimate Capacity of Beams.....	152

List Of Figures

No.	Title	Page
Fig (2-1)	Effect of air content on durability	49
Fig (2-2)	Effect of freezing and thawing on dynamic Modulus of Elasticity.	49
Fig (2-3)	Approximate reduction in mixing water for air entertainment	50
Fig (2-4)	Effect of air content on compressive strength ...	50
Fig (2-5)	Effect of accelerator on setting time	51
Fig (2-6)	Effect of calcium chloride upon the rate of hydration	52
Fig (2-7)	Rate of strength development of concrete with and without calcium chloride.	52
Fig (2-8)	Water-reducing admixtures In large pours reduced temperature	53
Fig (2-9)	The extension of reverberation time of concrete using various dosages of a retarding admixture.	53
Fig (2-10)	Effect of a type D water reducer on water requirements	54
Fig (2-11)	Effect of temperature on compressive strength.	54
Fig (2-12)	Effect of high-range water reducing on water reduction.	55
Fig (2-13)	Effect of dosage of high – range water reducer on slump at constant water / cement ratio	55
Fig (2-14)	Effect of a lignin retarded on setting time.....	56

Lists Of figures

No.	Title	Page
Fig (2-15)	Effect of W/C on compressive strength.....	57
Fig(2-16)	Effect of type D water reducers on compressive strength.	57
Fig (3-1)	Coarse aggregate grading.....	70
Fig (3-2)	Fine aggregate grading	70
Fig (3-3)	Combined aggregate grading	71
Fig (3-4)	Compaction on concrete in the wooden forms by Rod Vibrator	75
Fig (3-5)	Tested Rig for R.C. Beams	75
Fig (3-6)	Fire chamber	76
Fig (3-7)	Reinforced beam	77
Fig (3-8)	Place of demec points	77
Fig(4-1)	Water content for cement mixes with different admixtures compared with the control mix batch (1) for the same consistency.....	92
Fig(4-2)	Initial Setting time for cement mixes with different admixtures compared with the control mix batch (1) for the same consistency	93
Fig(4-3)	Final Setting time for cement mixes with different admixtures compared with the control mix batch (1) for the same consistency	94
Fig(4-4)	Water content for cement mixes with different admixtures compared with the control mix batch (2) for the same consistency.....	95
Fig(4-5)	Initial Setting time for cement mixes with different admixtures compared with the control mix batch (2) for the same consistency	96

Lists Of figures

No.	Title	Page
Fig(4-6)	Final Setting time for cement mixes with different admixtures compared with the control mix batch (2) for the same consistency	97
Fig(4-7)	The Workability of Cement Mortar with different admixtures compared with the control mix –for cement / sand 1 : 2	100
Fig(4-8)	The Workability of Cement Mortar with different Admixtures compared with the control mix – for cement/sand 1 : 3	101
Fig(4-9)	The Workability of Cement Mortar with different Admixtures compared with the control mix – for cement / sand 1 : 3	102
Fig(4-10)	The Workability of Cement Mortar with different Admixtures compared with the control mix– for cement / sand 1 : 3	103
Fig(4-11)	The Workability of Cement Mortar with different Admixtures compared with the control mix – for cement / sand 1 : 4	104
Fig(4-12)	The Compressive Strength for Cement Mortar with different Admixtures compared with the control mix –at 3 , 7 and 28 days for cement / sand 1 : 2	105
Fig(4-13)	The Compressive Strength for Cement Mortar with different Admixtures compared with the control mix –at 3 , 7 and 28 days for cement / sand 1 : 3	106

Lists Of figures

No.	Title	Page
Fig(4-14)	The Compressive Strength for Cement Mortar with different Admixtures compared with the control mix –at 3 , 7 and 28 days for cement / sand 1 : 3	107
Fig(4-15)	The Compressive Strength for Cement Mortar with different Admixtures compared with the control mix –at 3 , 7 and 28 days for cement / sand 1 : 3	108
Fig(4-16)	The Compressive Strength for Cement Mortar with different Admixtures compared with the control mix –at 3 , 7 and 28 days for cement / sand 1 : 4	109
Fig (5-1)	Slump loss of concrete by using admixture	124
Fig (5-2)	Compressive Strength of concrete (cured at 20°C for 7 and 28 days).....	125
Fig (5-3)	Compressive Strength of concrete (cured at 70°C for 7 and 28 days).....	126
Fig(5-4)	Compressive Strength of concrete using optimum admixtures dosage and cured at different temperatures for 7 and 28 days	127
Fig (5-5)	Indirect Tensile Strength of concrete (cured at 20°C for 7 and 28 days).....	128
Fig (5-6)	Indirect Tensile Strength of concrete (cured at 70°C for 7 and 28 days).....	129
Fig (5-7)	Indirect Tensile Compressive Strength of concrete using optimum admixtures dosage and cured at different temperatures for 7 and 28 days	130