



Volume 30, Issue 4, 2008

ISSN: 0958-9465

# *Cement & Concrete*

# *Composites*

Available online at



[www.sciencedirect.com](http://www.sciencedirect.com)

Editor J.E. Bolander

Associate Editors W.J. McCarter and A.G. Razaqpur

---

<http://www.elsevier.com/locate/cemconcomp>



*(Abstracted/Indexed in: Applied Mechanics Reviews; Cambridge Scientific Abstracts; Chemical Abstracts; Concrete Abstracts; C.R.I. Abstracts; Engineering Index; HRIS; J. of Ferroc.; Materials Information; RICS). Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®.*

**CONTENTS**

**Volume 30, Issue 4, 2008**

- 255 Long-term aging of fiber-cement corrugated sheets – The effect of carbonation, leaching and acid rain  
C.M.R. DIAS, M.A. CINCOTTO, H. SAVASTANO JR. & V.M. JOHN (Brazil)
- 266 Mechanical and hydric properties of alkali-activated aluminosilicate composite with electrical porcelain aggregates  
L. ZUDA, P. BAYER, P. ROVNANÍK & R. ČERNÝ (Czech Republic)
- 274 Influence of fine aggregate characteristics on the rheological properties of mortars  
M. WESTERHOLM, B. LAGERBLAD, J. SILFWERBRAND & E. FORSSBERG (Sweden)
- 283 The effect of aggregate-to-cement ratio and types of aggregates on the properties of pre-cast concrete blocks  
C.S. POON & C.S. LAM (Hong Kong)
- 290 The influence of aggregate type on the strength and abrasion resistance of high strength concrete  
A. KILIÇ, C.D. ATIŞ, A. TEYMEN, O. KARAHAN, F. ÖZCAN, C. BİLİM & M. ÖZDEMİR (Turkey)
- 297 Use of small beams to obtain design parameters of fibre reinforced concrete  
G. GIACCIO, J.M. TOBES & R. ZERBINO (Argentina)
- 307 Durability of concrete containing siderite-bearing microsyenite and trachyte aggregates  
R.P. KHATRI, G.W. QUICK & V. SIRIVIVATNANON (Australia)
- 316 Estimating long-term creep and shrinkage of high-strength concrete  
M. MAZLOOM (Iran)
- 327 Influence of initial static stress on the dynamic properties of concrete  
D. YAN (USA) & G. LIN (China)
- 334 Effect of DMA–MMA diblock copolymer on the properties of Portland and composite cement  
A. OLGUN, N. ATAR, V. BÜTÜN & Y. ERDOGAN (Turkey)
- 347 Composite cement of magnesium-bearing phosphoaluminate–hydroxyapatite reinforced by treated raw silk fiber  
S. LI, B. LIU (People's Republic of China), J. CHENG (USA) & J. HU (People's Republic of China)
- 353 The use of thermodynamic analysis in assessing alkali contribution by alkaline minerals in concrete  
Y. WANG, G. YU, M. DENG, M. TANG & D. LU (China)
- 360 News: conferences and symposia

